

ANNUAL REPORT ON THE STATISTICS OF
MANUFACTURES, 1921.

To the General Court.

The Thirty-sixth Annual Report on the Statistics of Manufactures is respectfully submitted herewith. This report contains the results of the Census for the year 1921, taken in 1922 by the Department of Labor and Industries under the supervision of Mr. Roswell F. Phelps, Director of Statistics. The Census was taken in co-operation with the Federal Bureau of the Census in accordance with the provisions of General Laws, Chapter 149, Section 171, Paragraph 12, which reads, in part, as follows: "The commissioner may suspend the operation of this section, in years when the United States takes a census of manufactures in Massachusetts, to such degree as may be necessary in order to facilitate co-operation between said department and the federal census authorities in the collection and compilation of the statistics of Massachusetts manufactures in such census years, and the avoidance of needless duplication of labor and expense." Through co-operation in this work a saving to the Department of over \$3,500 was effected by avoiding, to a large extent, a duplication of field work, and a certain amount of office work in the matter of correspondence and tabulation of the returns.

The returns cover 9,994 manufacturing establishments in the State which during the year 1921 produced goods having an aggregate value of \$2,849,-413,516, and in which the average number of wage-earners employed during the year was 579,071.

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Commissioner of Labor and Industries.

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STATISTICS OF MANUFACTURES—1921

I. INTRODUCTION.

1. SCOPE OF THE REPORT.

This volume constitutes the Thirty-sixth Annual Report on the Statistics of Manufactures in Massachusetts, and the data herein presented were compiled from reports covering the year 1921, obtained from 9,994 manufacturing establishments in this State. The Census was taken in co-operation with the U. S. Bureau of the Census, thereby avoiding duplication of field and office work. The original tabulations were, for the most part, made at Washington, and the copies of the result sheets were furnished to the State Department, from which the principal tables in this volume have been compiled. Certain additional data not called for on the Federal schedule were obtained and tabulated independently by the State office.

In accordance with an Act of Congress, dated March 3, 1919, a Federal Census of manufactures is taken throughout the United States every two years, whereas formerly a Federal Census of manufactures was taken only once in five years. In consideration of the fact that the Federal Census is now being taken at more frequent intervals—namely, every two years instead of every five years, the Federal Census Bureau in taking the Census of 1921 limited somewhat the scope of its inquiry by eliminating from the final tabulations data for all establishments in which products having a value of less than \$5,000 were produced during the year. The usual inquiry with reference to capital invested was omitted from the schedule for 1921.

Heretofore the Federal Census returns included data obtained from a large number of small establishments each of which produced products having a value of less than \$5,000 during the year under consideration. The inclusion of the data for these small establishments, however, added no very appreciable amount to the total value of products of all establishments, or to the total number of wage-earners employed in manufacturing. In fact, the exclusion of concerns reporting a product valued at less than \$5,000 automatically removed from consideration practically all of the establishments in which there are *no* wage-earners employed, that is, establishments operated solely by the owner.

A supplementary tabulation for small establishments each of which manufactured products having a value of less than \$5,000 in 1921 reveals the fact that there was in that year a total of 1,520 such establishments in which only 1,013 wage-earners were employed, and the combined product of which amounted to \$4,200,415, or less than two-tenths of one per cent of the total value (\$2,849,413,516) of goods manufactured in Massachusetts during that year. By exclusion from consideration all such small establishments, the scope of the Federal Census very closely conforms with the State Census of Massachusetts when taken independently, and, should there be no material change in the scope of the Federal Census, the State and the Federal Census data will hereafter be more directly comparable.

2. GENERAL SUMMARY.

At the beginning of the year 1921 employment and production in the manufacturing industries in Massachusetts were at very low levels. The industrial depression which began in the Spring of 1920, became increasingly more pronounced as the year drew to a close, and reached its lowest point in January, 1921, when the average number of wage-earners employed in the manufacturing industries fell to 531,656, the smallest number employed in any month since prior to 1914. This number was in marked contrast with the average number employed during the month of January, 1920, when the records showed that 757,354 wage-earners were employed in the manufacturing industries during that month. Thus, there was within a single year a reduction in the number of wage-earners employed of very nearly 30 per cent.

Beginning with February, 1921, there was an increase in the number of wage-earners employed, but several months passed before any very appreciable recovery was noted, and at no time during 1921 did business show a return to a normal basis.¹ In 1914, in which year business was considered as normal, the average number of wage-earners employed in the manufacturing industries for the year as a whole was 606,698. In 1921, seven years later, without any allowance for a normal increase in the number of wage-earners from year to year, the records show that the average number of wage-earners employed during the year was only 579,071.

A comparison of the returns for the Federal Census years 1919 and 1921 shows a decrease of nearly 19 per cent in the average number of wage-earners employed in Massachusetts as compared with a decrease of 24 per cent for the United States as a whole and a decrease of approximately 29 per cent in the value of products manufactured in Massachusetts as compared with a decrease of 30 per cent for the entire United States.

In the following table the principal data relative to all manufacturing industries in Massachusetts, considered in the aggregate, are summarized for the years 1913 to 1921, inclusive.

PRINCIPAL DATA, ALL INDUSTRIES, 1913-1921.

YEARS.	Number of Establishments	Capital Invested	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings
1913	8,405	\$1,345,461,875	\$931,778,476	\$351,299,706	\$569.43
1914	12,013 ²	1,548,960,733	931,383,793	341,309,517	562.57
1915	9,707	1,550,080,995	959,662,457	346,243,472	580.61
1916	9,829	1,791,050,092	1,354,433,202	447,957,731	656.23
1917	9,865	2,239,848,630	1,782,440,354	537,144,629	758.23
1918	9,695	2,510,730,295	2,249,822,722	679,401,273	944.65
1919	11,906 ²	2,962,108,527	2,260,713,036	766,623,337	1,073.95
1920	10,262	2,987,620,867	2,439,237,446	891,176,822	1,280.74
1921	9,994	- ³	1,441,035,230	641,360,936	1,107.57

YEARS.	WAGE-EARNERS EMPLOYED					Value of Product
	AVERAGE NUMBER			Smallest Number	Greatest Number	
	Males	Females	Both Sexes			
1913	422,559	194,368	616,927	517,185	705,087	\$1,658,728,363
1914	415,588 ⁴	191,110 ⁴	606,698	- ³	- ³	1,641,373,047
1915	413,017	183,331	596,348	489,173	707,324	1,692,445,366
1916	475,901	206,720	682,621	577,408	784,359	2,349,933,003
1917	495,831	212,590	708,421	601,534	827,635	3,020,557,545
1918	489,237	229,973	719,210	596,454	829,367	3,851,346,215
1919	490,006	223,830	713,836	- ³	- ³	4,011,181,532
1920	482,004	213,828	695,832	500,300	847,411	4,370,276,822
1921	401,296 ⁵	177,775 ⁵	579,071	- ⁵	- ⁵	2,849,413,516

Owing to wide fluctuations in commodity prices during the years, 1914 to 1921, a comparison of the money values presented in the foregoing table

¹ For data in detail showing, by months, the average number of wage-earners employed in the manufacturing industries in Massachusetts during the years 1914 to 1921, inclusive, see table on page 15.

² The Censuses of Manufactures in Massachusetts for the years 1914, 1919 and 1921 were taken in co-operation with the United States Bureau of the Census. The returns for 1914 and 1919 included certain small establishments not included in the other years specified, a large proportion of which establishments were those manufacturing products of relatively small value and representing less than one-half of one per cent of the aggregate product value of all manufacturing establishments in the State. The data for the years 1913, 1915 to 1918, and 1920, inclusive, are directly comparable with each other in all respects, and, with the exception of the number of establishments, are also fairly comparable with the corresponding data for 1914 and 1919. In 1921 the Federal Census Bureau omitted from tabulation all establishments which manufactured products having a value of less than \$5,000. The number of establishments in that year is, therefore, directly comparable with the corresponding number in each year specified in the table, except 1914 and 1919.

³ Not available.

⁴ Estimated on basis of distribution by sex in 1913; males, 68.5 per cent; females, 31.5 per cent.

⁵ Estimated on basis of distribution by sex in 1920; males, 69.3 per cent; females, 30.7 per cent.

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would lead to erroneous conclusions as to the growth or decline of the manufacturing industries in Massachusetts, unless due allowances were made for the increase or decrease in the purchasing power of the dollar during the several years. For example, the aggregate value of manufactured goods produced in the commonwealth in 1921 amounted to \$2,849,413,516, which was less by 34.8 per cent than the corresponding value of products (\$4,370,276,822) manufactured in 1920 — the maximum value of products reported during any year on record. This large decrease was due, however, principally to a marked reduction in prices of manufactured goods, and the decrease in the actual *volume* of goods produced in 1921 was, therefore, by no means as great as the decrease in the aggregate *value* of products would indicate. Under normal conditions the volume of goods manufactured should vary directly with the number of wage-earners employed, and, while this relation between number employed and production would be affected in some measure by overtime or undertime employment, efficiency of labor, and other factors, nevertheless it may be assumed that the volume of products manufactured in 1921 bore very nearly the same relation to the volume produced in 1920 as the average number of wage-earners employed in 1921 (579,071) bore to the corresponding number employed in 1920 (695,832). Inasmuch as there was a decrease of 16.8 per cent in the average number of wage-earners employed in 1921 as compared with the average number employed in 1920, in all probability there was a corresponding decrease in the *volume* of goods manufactured, whereas the decrease in the *value* of manufactured goods, as shown above, amounted to 34.8 per cent.

Likewise, in comparing money values representing capital invested, and stock and materials used, one should bear in mind that fluctuations in the totals from year to year were due in considerable measure to changes in the purchasing power of the dollar. With reference to wages paid it should be pointed out in this connection that, although there was a decrease of 28.0 per cent in the total amount of wages paid and a decrease of 13.5 per cent in the average annual earnings of wage-earners employed in 1921, as compared with the corresponding data in 1920, yet, as a result of reductions in retail prices of commodities in 1921, the *real* value of the average yearly earnings of wage-earners employed was actually greater in 1921 than in 1920.

II. THE PRINCIPAL INDUSTRIES IN 1921 AND 1920.

Measured by value of products the nine principal manufacturing industries in Massachusetts, arranged in the order of their relative importance in 1921, were as shown in the following table. For purposes of comparison, corresponding data for 1920 are also presented in the table.

VALUE OF PRODUCTS IN PRINCIPAL INDUSTRIES 1921 AND 1920.

Rank in 1921	INDUSTRIES	VALUE OF PRODUCTS	
		1921	1920
1.	Boots and shoes, including cut stock and findings	\$348,939,529	\$533,635,952
2.	Cotton goods, including cotton small wares	317,601,894	695,287,878
3.	Woolen and worsted goods, including felt goods	263,444,438	355,518,646
4.	Foundry and machine-shop products	210,648,175	301,153,709
5.	Printing and publishing ¹	106,850,504	83,897,559
6.	Electrical machinery, apparatus, and supplies	72,047,824	126,861,130
7.	Paper and wood pulp	62,865,216	145,017,866
8.	Leather, tanned, curried, and finished	61,106,452	88,344,819
9.	Slaughtering and meat packing ²	48,810,846	89,234,029
	<i>Totals, nine principal industries</i>	<i>\$1,497,314,878</i>	<i>\$2,419,001,588</i>
	<i>All other industries</i>	<i>1,352,098,638</i>	<i>1,951,275,234</i>
	Totals, all industries	\$2,849,413,516	\$4,370,276,822

¹ Exclusive of bookbinding and blank book making, lithography, steel and copper plate engraving and plate printing. In 1920, publishing establishments where no printing was done were not canvassed.

² Exclusive of sausage not made in slaughtering and meat-packing establishments.

In 1921, the list of nine principal manufacturing industries in Massachusetts, based on the value of products, was the same as in 1920, but there were several notable changes in their relative importance. The boot and shoe industry ranked first in 1921, having advanced from second place in 1920, while the cotton goods industry, which for a long series of years had ranked first, fell to second place. Woolen and worsted goods, ranking third, foundry and machine shop products, ranking fourth, electrical machinery, apparatus and supplies, ranking sixth, and leather, tanned, curried, and finished ranking eighth, each held the same rank in 1921 as in 1920 while printing and publishing advanced from ninth to fifth place. Paper and wood pulp ranked seventh in 1921 having been fifth in 1920, and slaughtering and meat packing fell from seventh to ninth place. The total value of the products of these industries constituted 52.5 per cent of the total for all manufacturing industries in 1921 as compared with the corresponding percentage (55.4) in 1920. These nine principal industries are discussed in the following paragraphs.

1. BOOTS AND SHOES (INCLUDING CUT STOCK AND FINDINGS).

The depression which existed in the boot and shoe industry late in 1920 continued well into January, 1921. A large number of factories had temporarily suspended operations. In February, however, a decided improvement was noted and employment was fairly continuous until the close of Spring, when there was a recession in activity. Beginning in August the trend was definitely upward, and August, September, and October were the most productive months of the year. Then followed a seasonal decline in November and December.

Manufacturers proceeded cautiously in 1921, purchasing leather in small quantities to supply immediate needs, and they carried over no large stock of goods at the end of the year. The general depression in the industry and the somewhat lower market prices prevailing for finished shoes resulted in a decrease in the aggregate value of boots and shoes, including cut stock and findings, from \$533,685,592 in 1920 to \$348,939,529 in 1921, or 34.6 per cent. The total cost of materials fell from \$333,353,041 to \$192,827,997, or 42.2 per cent. Strikes and suspensions in several boot and shoe manufacturing centers, especially in Lynn and Haverhill, caused considerable reduction in factory pay-rolls, with the result that although there were relatively few decreases in rates of wages, the total pay-roll disbursements fell from \$95,007,509 in 1920 to \$83,528,723 in 1921, a decrease of 12.1 per cent; and the average number of wage-earners dropped from 77,401 in 1920 to 70,897 in 1921, or 8.4 per cent.

In the manufacture of cut stock and findings, which is an important branch of the boot and shoe industry, there was a decrease in the value of products from \$90,362,987 in 1920 to \$63,837,523 in 1921, or 29.4 per cent.

2. COTTON GOODS (INCLUDING COTTON SMALL WARES).

A marked curtailment of production during the closing months of 1920 was followed by a resumption of operations during the early months of 1921. Drastic reductions in prices had the effect of stimulating purchases to some extent on the part of the consumer, and helped to stabilize the industry, but, although there was a gradual increase in employment with each succeeding month, nevertheless, conditions in the industry as a whole were below normal for practically the entire year, and the average number of wage-earners for the twelve months was 107,488, — the lowest average number reported for any year since 1909.

The total value of products manufactured in 1921 was \$317,601,894, showing a decrease of 54.3 per cent from the total (\$695,287,878) for the record year 1920; the cost of materials, with prices of raw cotton at a very low level, amounted to \$155,751,811 as compared with \$421,193,752 in 1920, a decrease of 63.0 per cent; and the amount paid in wages was \$97,474,454, as compared with \$132,360,961 in 1920, a decrease of 26.4 per cent.

In the manufacture of cotton goods certain of the Southern States, more

particularly North Carolina, South Carolina and Georgia, have become strong competitors with Massachusetts and other New England States, but notwithstanding this competition Massachusetts still maintains its leadership in the industry and, according to the latest Federal Census of Manufactures, produced in 1921 approximately 25 per cent of the total value of all cotton goods manufactured in the United States, while the number of cotton spindles in Massachusetts (11,810,563) in 1921 constituted 32.3 per cent of the total (36,617,584) in the United States.

3. WOOLEN AND WORSTED GOODS (INCLUDING FELT GOODS).

In the woolen and worsted goods industry, activity in 1921 was more or less retarded by the uncertainty of anticipated tariff changes. Large stocks of raw wool were purchased in expectation that the duty on wool would be considerably increased. This made for abundant supply of raw materials during the entire year, and the prices were relatively low, so that, notwithstanding the untoward circumstances at the beginning of the year, relatively better conditions prevailed during the year in this industry than in any of the other leading industries of the State. Beginning with February, there was a notable improvement, and high points were reached in the months of June and September. The year closed with employment nearly 90 per cent greater than in January. At no time during the year, however, was the industry operated at full capacity, and this fact, in connection with sharp reductions in prices for finished goods, resulted in a decrease in the total value of products from \$355,518,646 in 1920 to \$268,444,438 in 1921, or 24.5 per cent, while the cost of materials likewise decreased from \$224,797,379 in 1920 to \$145,125,557, or 35.4 per cent. Total wage disbursements, however, decreased but slightly from \$68,146,238 in 1920 to \$64,018,625 in 1921, or 6.1 per cent, and the average number of wage-earners actually increased from 52,687 in 1920 to 57,356 in 1921, or 8.9 per cent.

4. FOUNDRY AND MACHINE-SHOP PRODUCTS.

This industry was the last of the principal industries affected by depression in business, and no marked curtailment in production of foundry and machine shop products was noted until the closing month of the year 1920. Once started on a decline, however, production fell off rapidly in 1921. Prices of materials used in manufacture, such as iron and steel, continued high, while at the same time there was a relatively small demand for finished products. Furthermore, highly skilled workmen, difficult to replace, were being employed and it was the rule rather than the exception for manufacturers to hold their organization intact in anticipation of orders. Thus throughout the year, very discouraging conditions prevailed. The total value of the products manufactured during the year was \$210,648,175, or 30.1 per cent below the total for 1920 (\$301,153,709); the average number of wage-earners reported was 44,378 as against 65,729, or 32.5 per cent decrease, and the total disbursement in wages amounted to \$57,082,860, or 41.4 per cent less than the amount (\$97,457,985) in 1920.

5. PRINTING AND PUBLISHING.¹

Printing and publishing, while strictly speaking a service rather than a manufacturing industry, is among the leading industries of the State, inasmuch as it gives employment to a large group of wage-earners. The industry experienced a serious war-time curtailment and the improvement during 1919 was partly lost again in 1920, but evidence of gain was apparent in 1921, when value of products rose from \$83,897,559 to \$106,850,504, or 27.4 per cent, while the cost of materials used increased from \$32,873,508 to \$35,301,875, or 7.4 per cent. The trend of employment in 1921, although downward from March to June,

¹ Includes job work, newspapers and periodicals, and music.

was continuously upward for the last five months of the year. The amount disbursed in wages increased from \$19,245,705 in 1920 to \$19,841,638 in 1921, or 3.1 per cent. From the standpoint of the wage-earner, this industry has the distinction of being one of the most remunerative in the State.

6. ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.

Conditions in this industry were extremely dull throughout the entire year. The decline in industrial activity, which became evident during the last month of 1920 continued throughout 1921. The cost of materials used in manufacture continued high, and, accordingly, it was not advisable to manufacture for stock. One of the interesting features of 1921 was the development of electrical equipment for lighting farms, to which special attention was given in one large manufacturing establishment in Massachusetts.

The total value of products manufactured in 1921 was \$72,047,824 as compared with \$126,861,130 in 1920, a decrease of 43.2 per cent; the cost of materials amounted to \$27,951,204, as compared with \$48,894,162 in 1920, a decrease of 42.8 per cent; the average number of wage-earners reported was 17,635 as compared with 28,561 in 1920, a decrease of 38.3 per cent; and the pay-rolls for the year aggregated \$20,348,264, as compared with \$38,289,830 in 1920, a decrease of 46.9 per cent.

7. PAPER AND WOOD PULP.

Following the year 1920, in which was recorded the peak of production in this industry, accompanied by the highest prices ever known, the mills operated at a very low level throughout the early part of 1921, and by the middle of the year, the industry had almost reached stagnation. Stocks on hand were lower than at any time for a period of five years and the mills were operating at less than two-thirds per cent of their capacity. A very slight improvement was noted toward the end of the year, but employment continued irregular.

The total value of products manufactured during the year was \$62,865,216, or 56.7 per cent less than the value in 1920 (\$145,017,866); the cost of materials amounted to \$40,614,356, as compared with \$89,158,276 in 1920, a decrease of 54.4 per cent; the average number of wage-earners for the year reported was 12,427 as compared with 15,215 in 1920, a decrease of 18.3 per cent. Intermittent employment and wage reductions during the year resulted in reducing the aggregate factory pay-rolls from \$21,633,105 in 1920 to \$12,592,648 in 1921, or 41.8 per cent.

8. LEATHER, TANNED, CURRIED, AND FINISHED.

The year 1921 was one of the most disastrous years in the history of the leather industry. Employment for the first quarter was only three-quarters normal, and the slight improvement noted at the beginning of the month of March and continuing for practically the remainder of the year did not afford much encouragement. Lack of confidence on the part of the manufacturers, coupled with the high cost of hides and the continued demand for low prices on finished goods, resulted in an almost complete cessation of activity in some of the tanneries and a dullness of trade throughout the industry generally. The value of stock and materials used fell from \$57,410,060 in 1920 to \$35,801,421, or 37.6 per cent, and the output of the tanneries decreased from \$88,344,819 to \$61,106,452, or 30.8 per cent; the average number of wage-earners employed decreased from 12,447 to 9,038, or 27.4 per cent; and there was a decrease in the amount paid to wage-earners from \$17,913,018 in 1920 to \$11,389,125 in 1921, or 36.4 per cent.

9. SLAUGHTERING AND MEAT PACKING.

Remarkable changes have occurred in the slaughtering and meat packing industry since the very prosperous year, 1919. In 1920, partly because of a decrease in the demand for pork products for export, there was a marked

curtailment in production, particularly during the last six months of the year. At the beginning of 1921 a further decline in the industry was apparent, and the lowest point was reached in April of that year. During subsequent months there was some resumption of activity, although at so slow a rate that the year closed before there was much improvement.

In 1921, as compared with 1920, there were decreases in the principal data as follows: Value of products from \$89,234,029 to \$48,810,846, or 45.3 per cent; cost of materials used from \$73,125,278 to \$41,052,369, or 43.9 per cent; amount of wages paid from \$4,868,116 to \$3,798,379, or 22.0 per cent; and average number of wage-earners employed from 3,436 to 2,986, or 13.1 per cent.

III. EXPORTS OF MANUFACTURED PRODUCTS.

1. GENERAL SUMMARY.

The aggregate value of products manufactured in Massachusetts and exported in 1921 was \$96,433,932 as compared with \$190,879,734 in 1920. This decrease of 49.5 per cent was in even greater proportion than the corresponding decrease of 34.8 per cent in the aggregate value of all products manufactured in the State in 1921 as compared with 1920. For the United States the value of exports of the character most nearly corresponding (*i.e.*, manufactures ready for consumption) decreased from \$3,204,857,759 to \$1,625,401,862, or 49.3 per cent. Accordingly, manufacturers in Massachusetts, apparently, were not any more seriously affected by the decrease in foreign demand than were manufacturers elsewhere in the United States. There were still many individual establishments, large and small, which maintained contact with foreign markets, but conditions were so adverse that orders were obtained with great difficulty, whereas during the five years 1916-1920, American manufactured products were readily disposed of abroad. Although there was a decided reduction in the wholesale prices of manufactured goods in 1921, which should have stimulated export trade, nevertheless, this factor was more than offset by high exchange rates as expressed in foreign currency, and by the meagre purchasing power of the population of foreign countries, particularly European countries, which have afforded the best markets for American products. The value of goods manufactured in Massachusetts and exported in 1921 constituted 3.4 per cent of the total value of all goods manufactured in the State in that year, as compared with 4.4 per cent in 1920 and 5.3 per cent in 1919.

2. PRINCIPAL PRODUCTS EXPORTED.¹

Certain of the leading industries in the State which are equipped for quantity production, and which when operated at full capacity produce a volume of goods far in excess of the domestic demand were severely affected by foreign market conditions in 1921. Noteworthy examples of such industries are the following:

Foundry and Machine Shop Products.—Since 1915 this group of products has ranked first among those exported by Massachusetts manufacturers. In 1921 the value of foundry and machine shop products manufactured in Massachusetts and exported was \$23,498,998. Although this value was less by 30.2 per cent than the value exported in 1920 (\$33,670,447) it was nearly seven and one-half times that for 1914 (\$3,162,578), showing that the foreign demand for such products (which had increased greatly during the war period) still persisted even under the adverse conditions generally affecting the export trade in 1921. The value of foundry and machine shop products exported in 1921 constituted 11.2 per cent of the total value of such products (\$210,648,175) manufactured in Massachusetts in that year, and this percentage was the same as in 1920.

¹ For data in detail by industries for the several years, 1914 to 1921, inclusive, see Table V A, beginning on page 85.

Boots and Shoes. — The value of boots and shoes (exclusive of cut stock and findings) manufactured in Massachusetts in 1921 and exported amounted to only \$4,142,494, as compared with \$25,653,082 in 1920 — a decrease of \$21,510,588, or 83.9 per cent — and was even less than that for 1914 (\$5,788,822). The loss of foreign orders in 1921 was, therefore, a matter of serious concern to those manufacturers who had increased the capacity of their plants in order to fulfill additional requirements both foreign and domestic during the war period and the two years immediately following. The value of boots and shoes exported in 1921 constituted only 1.5 per cent of the total value of boots and shoes (\$285,102,006) manufactured in Massachusetts in that year, as compared with 5.8 per cent exported in 1920.

Manufacturers of boot and shoe cut stock and findings likewise suffered a large loss of foreign orders in 1921. The value of such goods manufactured in this State and sold abroad decreased from \$2,573,140 in 1920 to \$1,100,799 in 1921, or 57.2 per cent, and was 85.3 per cent less than the value in 1919 (\$7,482,677) — the maximum value exported in any year on record.

Cotton Goods. — In 1921 cotton goods (including cotton small wares) to the value of \$7,216,666 were exported directly by Massachusetts manufacturers, which value was less by 57.9 per cent than the corresponding value (\$17,150,124) exported in 1920. In addition to the goods exported directly by manufacturers a considerable amount was exported through commission houses in New York, the value of which could not be ascertained and is therefore not included in the totals. The percentage exported directly by manufacturers of the total value of cotton goods manufactured in the State in 1921 was 2.3, as compared with 2.5 in 1920.

Leather, Tanned, Curried, and Finished. — The value of these products manufactured in Massachusetts and exported decreased from \$28,014,618 in 1919 (the highest amount recorded in any year) to \$14,909,452 in 1920 and to \$6,746,078 in 1921. The value of products exported in 1921 constituted 11.0 per cent of the total value of the products manufactured in the State in that year, as compared with 16.9 per cent exported in 1920. The exportation of finished boots and shoes, to which reference has been made above, decreased in much greater proportion than did exportation of leather, a considerable part of which was for use in the manufacture of footwear.

Other products of which the value exported by Massachusetts manufacturers in 1921 exceeded one million dollars were: Steam fittings and steam and hot water heating apparatus, \$1,506,777; knit goods, \$1,464,620; rubber goods, exclusive of rubber boots and shoes, \$1,375,093; and wire and wire goods, \$1,238,695.

3. DESTINATION OF EXPORTS.¹

Nearly all of the countries of the world are represented in the list of those to which goods manufactured in Massachusetts are exported. The European Countries furnish the principal markets and absorbed 31.5 per cent of the total value of products exported in 1921 by Massachusetts manufacturers. The value of the goods exported to Europe in 1921 amounted to \$30,342,309, as compared with \$67,347,936 in 1920, showing a decrease of \$37,005,627, or 54.9 per cent.

England ranked first among foreign countries as a market for Massachusetts products with a total of \$16,175,141, or approximately one-sixth (16.8 per cent) of the total value exported in 1921 (\$96,433,932). Canada ranked second with \$14,474,297, or 15.0 per cent of the total. Other countries to which Massachusetts products valued at more than three million dollars were exported in 1921 were: Japan, \$8,252,640; China, \$7,741,466; Cuba, \$4,222,721; France, \$3,752,379; Mexico, \$3,611,791; and Australia, \$3,539,246. For the countries of South America, grouped together, the total was \$6,117,457.

There were decreases in 1921 when compared with 1920 in the total value of manufactured goods exported to nearly all of the countries represented. The

¹ For data in detail by countries and principal industries, for the several years, 1915 to 1921, inclusive, see Table V B, beginning on page 87.

largest decreases were as follows: England, from \$30,115,625 to \$16,175,141, or 46.3 per cent; West Indies, from \$24,499,394 to \$7,106,651, or 71.0 per cent; Canada, from \$23,754,968 to \$14,474,297, or 39.1 per cent; France, from \$8,980,208 to \$3,752,379, or 58.2 per cent; Norway and Sweden (grouped together), from \$5,830,362 to \$1,243,435, or 78.7 per cent; Italy, from \$4,854,659 to \$806,481, or 83.4 per cent; Belgium, from \$4,395,625 to \$1,237,498, or 71.8 per cent; and Africa, from \$3,990,722 to \$1,572,526, or 60.6 per cent. For the South American countries, grouped together, there was a decrease from \$24,306,447 to \$6,117,457, or 74.8 per cent. The value of products exported to Russia in 1921 was only \$28,351 — an amount which is practically negligible when compared with exports to that country valued at \$28,844,242 in 1916 and at \$28,967,802 in 1917.

The largest increases in the value of products exported in 1921 as compared with 1920 were as follows: China, from \$5,647,804 to \$7,741,466, or 37.1 per cent; Japan, from \$7,837,157 to \$8,252,640, or 5.3 per cent; Germany, from \$1,584,747 to \$1,921,347, or 21.2 per cent; Australia, from \$3,397,322 to \$3,539,246, or 4.2 per cent; Austria-Hungary, from \$203,761 to \$297,810, or 46.2 per cent; and Turkey, from \$193,955 to \$230,957, or 19.1 per cent.

The following table shows (for countries to which products manufactured in Massachusetts were exported in large quantities) the value of goods exported in 1920 and 1921 and the percentage which the total for the respective countries constituted of the aggregate value of products manufactured in this State and exported:

DESTINATION OF PRODUCTS MANUFACTURED IN MASSACHUSETTS AND EXPORTED, 1921 AND 1920.

COUNTRIES.	VALUE OF EXPORTS		PER CENT OF TOTAL MASSACHUSETTS EXPORTS	
	1921	1920	1921	1920
Totals	\$96,433,932	\$190,879,734	100.0	100.0
England	16,175,141	30,115,625	16.8	15.8
Canada	14,474,297	23,754,968	15.0	12.4
Japan	8,252,640	7,837,157	8.5	4.1
China	7,741,466	5,647,804	8.0	3.0
West Indies	7,106,651	24,499,394	7.4	12.8
South America	6,117,457	24,306,447	6.3	12.7
France	3,752,379	8,980,208	3.9	4.7
Mexico	3,611,791	4,319,169	3.7	2.3
Australia	3,539,246	3,397,322	3.7	1.8
Germany	1,921,347	1,584,747	2.0	0.8
India	1,647,855	3,654,121	1.7	1.9
Africa	1,572,526	3,990,722	1.6	2.1
Central America	1,440,475	2,762,111	1.5	1.4
Holland	1,304,251	3,043,481	1.4	1.6
Norway and Sweden	1,243,435	5,830,362	1.3	3.1
Belgium	1,237,498	4,395,625	1.3	2.3
Philippine Islands	946,027	2,423,006	1.0	1.3
British Provinces	927,037	3,413,099	1.0	1.9
Spain	917,488	2,433,544	1.0	1.3
Hawaii	851,014	1,207,321	0.9	0.6
Italy	806,481	4,854,659	0.8	2.5
Other countries	10,847,430	18,428,842	11.2	9.6

IV. DISTRIBUTION BY LOCALITIES.

1. CITIES.¹

The number of cities in Massachusetts was reduced from 39 in 1920 to 38 in 1921, by the surrender on January 1, 1921, by Methuen of its city charter and its return to the town form of government. The total value of products manufactured in the 38 cities in 1921 amounted to \$2,167,282,102, or somewhat over

¹ For data in detail by cities and principal industries, see Table I B, beginning on page 22.

three-quarters (76.1 per cent) of the aggregate value for the State. For the 38 cities, considered as a group, there was a decrease of 35.1 per cent in the value of products manufactured in 1921 as compared with 1920, which was slightly higher than the corresponding percentage (34.8) for the State as a whole.

Boston continued to far out-rank the other cities, with products valued in 1921 at \$489,164,939, or somewhat over one-sixth (17.2 per cent) of the total for the State. Lawrence, Worcester, Fall River, Cambridge, and New Bedford were, respectively, second, third, fourth, fifth, and sixth in rank. In industrial importance the relative rank of the cities of the State by no means corresponds with their rank based on population, as will be noted on reference to the following table.

VALUE OF PRODUCTS, 1920-1921, AND POPULATION, 1920: BY CITIES.

[Arranged in the order of value of products in 1921.]

CITIES.	VALUE OF PRODUCTS		Per Cent Decrease	Population, January, 1920
	1921	1920		
The State.	\$2,349,413,516	\$4,370,276,822	34.8	3,852,356
Totals, 38 Cities.	2,167,282,102	3,341,622,112	35.1	2,745,014
Boston	489,164,939	674,344,180	27.5	748,060
Lawrence	149,543,413	204,775,020	27.0	94,270
Worcester	140,685,961	255,411,330	44.9	179,754
Fall River	133,352,942	174,890,574	23.8	120,485
Cambridge	122,776,695	156,430,827	21.5	109,694
New Bedford	111,203,227	262,234,111	57.6	121,217
Lynn	95,031,943	143,039,476	33.6	99,148
Lowell	81,429,458	159,130,592	48.8	112,759
Brockton	75,178,502	114,343,080	34.3	66,254
Springfield	74,488,113	123,185,903	39.5	129,614
Holyoke	69,651,654	125,570,218	44.5	60,203
Haverhill	58,803,252	89,887,203	34.6	53,884
Chicopee	48,525,442	82,118,261	40.9	36,214
Everett	46,082,534	53,106,185	13.2	40,120
Somerville	45,378,436	81,605,860	44.4	93,091
Pittsfield	42,126,630	56,739,006	25.8	41,763
Fitchburg	40,785,312	72,908,629	44.1	41,029
Taunton	30,501,224	49,116,901	37.9	37,137
Quincy	28,204,411	41,241,061	31.6	47,876
Chelsea	28,202,021	36,412,602	22.5	43,184
North Adams	27,685,016	38,349,498	27.8	22,282
Peabody	25,299,816	35,881,219	29.5	19,552
Attleboro	25,430,403	35,364,707	33.7	19,731
Salem	22,605,261	34,375,673	34.2	42,529
Malden	21,033,707	32,326,117	34.9	49,103
Leominster	20,630,904	27,779,440	25.7	19,744
Northampton	15,105,884	19,264,588	21.6	21,951
Waltham	15,024,472	23,895,120	37.1	30,915
Newton	13,781,540	16,295,778	15.4	46,054
Newburyport	12,598,833	19,844,935	36.5	15,618
Marlborough	12,467,963	20,151,427	38.1	15,028
Beverly	10,620,251	22,182,501	52.1	22,561
Gloucester	9,613,677	15,140,184	36.5	22,947
Westfield	9,029,007	17,420,367	48.2	18,604
Woburn	7,202,456	11,385,174	36.7	16,574
Medford	4,751,404	6,839,729	30.5	39,038
Melrose	4,342,530	7,442,752	41.7	18,204
Revere	942,369	1,188,884	20.7	28,823

In none of the 38 cities did the value of products manufactured in 1921 exceed or even closely approach the corresponding value in 1920. Some of the cities were much more seriously affected by the industrial depression in 1921 than were others. For the 12 leading industrial cities percentages representing decreases were as follows: Boston, 27.5; Lawrence, 27.0; Worcester, 44.9; Fall River, 23.8; Cambridge, 21.5; New Bedford, 57.6; Lynn, 33.6; Lowell, 48.8; Brockton, 34.3; Springfield, 39.5; Holyoke, 44.5; and Haverhill, 34.6. The decrease in value of products manufactured in seven of these 12 cities in 1921 was less than the decrease (34.8 per cent) for the entire State.

2. TOWNS.¹

The total value of products manufactured in the 317 towns of the State in 1921 was \$682,131,414, or nearly one-fourth (23.9 per cent) of the aggregate for the State. For these 317 towns, considered as a group, there was a decrease of 31.9 per cent in the value of products manufactured in 1921 as compared with 1920. This percentage (31.9) was less than the corresponding percentages—34.8 for the State and 35.1 for the group of 38 cities—and it appears, therefore, that curtailment of production in towns was, as a rule, not quite so pronounced as in cities.

The 10 leading industrial towns, arranged in order of value of products in 1921, were: Watertown, \$36,660,471; Plymouth, \$22,453,724; Easthampton, \$21,876,343; Weymouth, \$18,384,504; Framingham, \$17,611,196; Webster, \$14,796,926; Northbridge, \$14,690,402; Norwood, \$14,658,891; Clinton, \$14,547,361, and West Springfield, \$13,951,986. For each of these towns there was a substantial decrease in value of products in 1921 as compared with 1920.

3. METROPOLITAN BOSTON.

The Metropolitan District,² as defined for the purposes of the annual census of manufactures in this State, comprises 14 cities and 26 towns.³ The population of this district in 1920 was 1,658,936, or 43.1 per cent of the total population of the State. Practically the entire area of the district is included within a circle having a radius of 15 miles from the State House in Boston. Within this area were located 4,508 manufacturing establishments in which products valued at \$1,025,586,110 were manufactured in 1921. The average number of wage-earners employed during the year was 168,313 and the total amount paid in wages was 202,173,388. The value of goods manufactured in this district in 1921 was 36.0 per cent of the total for the State and the number of wage-earners was 29.1 per cent of the total number employed in all manufacturing establishments in the State.

In 1921 there was a decrease of 27.9 per cent in the value of products manufactured in Metropolitan Boston when compared with 1920, and a corresponding decrease of 18.7 per cent in the average number of wage-earners employed.

The principal data relative to manufacturing in the district during the several years, 1909 to 1921, inclusive are presented in the following table.

PRINCIPAL DATA FOR METROPOLITAN BOSTON, 1909-1921.

YEARS.	Number of Es- tablish- ments	Value of Product	Value of Stock and Materials Used	Wages Paid	Average Number of Wage- Earners
1909 ⁴	5,025	\$510,583,337	\$284,354,062	\$93,125,349	165,891
1910	3,238	488,497,178	292,089,565	92,458,169	160,797
1911	3,375	502,527,771	294,046,863	95,871,777	163,488
1912	3,507	545,310,724	320,468,150	102,820,146	171,272
1913	3,584	560,390,104	326,070,384	107,031,822	172,594
1914 ⁴	5,153	584,115,582	323,455,579	107,139,932	172,375
1915	4,139	583,796,410	331,294,109	106,341,566	166,017
1916	4,340	765,026,022	442,220,482	131,954,794	191,265
1917	4,409	947,853,776	564,318,619	156,950,905	200,106
1918	4,319	1,240,496,193	737,506,555	210,781,794	212,629
1919 ⁴	5,165	1,351,637,243	755,350,609	247,431,450	216,727
1920	4,471	1,421,528,434	814,021,722	266,902,177	207,066
1921	4,508	1,025,586,110	519,832,014	202,173,388	168,313

¹ For data in detail by towns and principal industries (for which data can be shown without disclosing the operations of individual establishments), see Table I E, beginning on page 34.

² The cities included in this district are: Boston, Cambridge, Chelsea, Everett, Lynn, Malden, Medford, Melrose, Newton, Quincy, Revere, Somerville, Waltham, and Woburn.

The towns included in this district are: Arlington, Belmont, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Hingham, Hull, Lexington, Milton, Nahant, Needham, Reading, Saugus, Stoneham, Swampscott, Wakefield, Watertown, Wellesley, Weston, Westwood, Weymouth, Winchester, and Winthrop.

³ For data in detail by cities and towns, see Table I D, beginning on page 33.

⁴ The data for the Federal census years 1909, 1914, and 1919, are not strictly comparable with corresponding data for other years specified, because of the omission in other years of certain establishments, chiefly those having no wage-earners employed therein, and those engaged in the publishing branch of the printing and publishing industry.

Among the large number of manufacturing industries in the Metropolitan District¹ in 1921 the boot and shoe industry far outranked all others. In this district, which includes Lynn and several other cities in which the manufacture of footwear is important, the value of boots and shoes produced in 1921 was \$162,944,855, which comprised the following branches: Boots and shoes, \$95,416,359; boot and shoe cut stock and findings, \$33,901,345; and rubber boots and shoes, \$33,627,151. Other principal products manufactured in the district in 1921, with their values were: Printing and publishing, \$78,909,745; clothing, men's and women's, \$41,893,705; bread and other bakery products, \$39,168,221; confectionery, \$38,514,510; foundry and machine shop products, \$37,944,305; slaughtering and meat packing products, \$37,880,762; electrical machinery, apparatus, and supplies, \$37,545,381; rubber goods, including rubber tires and inner tubes, \$28,999,996; and motor vehicles, bodies, and parts, \$21,706,588.

V. EMPLOYMENT AND EARNINGS.

1. NUMBER OF WAGE-EARNERS EMPLOYED.²

The trend of employment in the manufacturing industries in Massachusetts in 1921 is indicated by the fluctuations in the average number of wage-earners employed from month to month. In January the average number employed was 531,656 (the smallest number employed in any month since 1909). Thereafter there was a gain from month to month (except in July) until November when the average number employed was 597,106 (the maximum for the year) and in December there was a small decrease. For the year, 1921, the average number of wage-earners employed was 579,071, which was less by 116,761, or 16.8 per cent, than the average (695,832) for 1920, and was less by 140,139, or 19.5 per cent than the average number employed in 1918—the maximum number employed in the manufacturing industries in this State in any year on record. In 1914, which may be considered as a year of normal activity in manufacturing industries, the average number employed was 606,698. Without allowing for any secular increase during the period of seven years it is found that the number employed in 1921 was 4.6 per cent below that in 1914.

The fairly regular improvement in industrial activity during the year 1921 in all industries³ considered as a group was closely paralleled by conditions in the cotton goods industry. The boot and shoe industry, while showing improvement early in the year, failed to gain in the number employed, and during the last quarter of the year, when there was a number of strikes of boot and shoe operatives, employment was at a relatively low level. The leather industry in which there was much curtailment during the first half of the year recovered slowly during the last six months. Employment in the paper manufacturing industry was decidedly below normal throughout the year. The best showing for the year by any of the leading industries was made by the woolen and worsted industry in which the average number employed each month in 1921 compared very favorably with the corresponding monthly average for the preceding three years.

In the following table the average numbers of wage-earners employed in all manufacturing industries in the State are shown by months, for each year, 1914 to 1921, inclusive:

¹ For data in detail by industries, see Table I C, beginning on page 31.

² For data in detail by industries, see Table II, beginning on page 37.

AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED, BY MONTHS. ALL INDUSTRIES, 1914-1921.

MONTHS.	1914	1915	1916	1917	1918	1919	1920	1921
January	626,776	567,502	662,688	715,364	716,081	695,418	757,354	531,656
February	628,535	575,765	672,550	722,015	719,651	677,006	749,351	557,641
March	633,583	584,116	682,689	726,487	734,211	680,548	755,535	573,067
April	628,344	581,950	682,584	710,444	727,816	678,956	747,623	576,663
May	619,082	580,479	677,829	699,985	727,234	689,268	739,384	582,979
June	611,928	581,699	675,595	696,500	727,725	705,186	719,595	584,155
July	595,609	581,220	672,858	687,090	724,001	715,436	697,112	576,826
August	588,703	593,754	675,904	685,328	718,608	726,354	683,985	583,048
September	589,194	604,754	677,233	694,660	711,710	736,208	669,066	594,492
October	590,992	624,313	690,158	708,288	696,861	741,732	656,590	596,678
November	587,141	636,677	708,725	722,095	716,004	751,713	610,906	597,106
December	580,489	645,391	713,454	728,171	704,459	765,546	557,971	594,540
<i>Average number employed during the year.</i>	606,698	596,348	682,621	708,421	719,210	713,836	695,832	579,071

2. AVERAGE YEARLY EARNINGS.

Average yearly earnings of employees in any industry are computed by dividing the total amount paid in wages in any year by the average number of wage-earners employed in that industry during the year.¹ For all industries combined, and for the seven principal industries the average yearly earnings have been computed and are presented in the following table, together with corresponding index numbers using the data for 1913 as a base (100). The industries showing the highest index numbers for 1921 were: Woolen and worsted goods, 232; leather, tanned, curried, and finished, 212; and cotton goods, 198. For each of these industries the index number was higher in 1921 than the corresponding index number for "all industries" (195). In this connection attention should be called to the fact that the money value of earnings of employees during recent years has not correctly represented the actual purchasing power of their earnings.

AVERAGE YEARLY EARNINGS OF EMPLOYEES, 1913-1921.

YEARS.	All Industries	Boots and Shoes	Cotton Goods	Electrical Machinery, Apparatus, and Supplies	Foundry and Machine-Shop Products	Leather, Tanned, Curried, and Finished	Paper and Wood Pulp	Woolen and Worsted Goods
1913	\$569.43	\$625.03	\$459.05	\$639.69	\$692.31	\$594.75	\$571.17	\$481.94
1914	582.57	607.50	446.67	621.96	683.11	582.27	553.29	504.50
1915	580.61	608.00	463.01	668.09	725.60	587.28	562.15	494.22
1916	656.23	679.76	540.13	720.01	796.62	703.48	672.19	605.00
1917	758.23	725.62	648.09	866.06	923.95	823.07	815.85	745.26
1918	944.65	886.83	811.58	1,017.69	1,140.27	1,024.21	1,000.00	943.76
1919	1,073.95	1,116.31	897.17	1,157.42	1,321.33	1,265.55	1,129.82	1,053.57
1920	1,280.74	1,238.88	1,156.97	1,340.63	1,521.76	1,439.14	1,421.83	1,293.21
1921	1,107.57	1,184.54	907.93	1,153.86	1,336.39	1,260.14	1,013.33	1,116.28

¹ For basic data used in computing average yearly earnings of employees in the several industries, see Table I A, beginning on page 13.

AVERAGE YEARLY EARNINGS OF EMPLOYEES, 1913-1921 — Concluded.

Index Numbers.

YEARS.	All Industries	Boots and Shoes	Cotton Goods	Electrical Machinery, Apparatus, and Supplies	Foundry and Machine-Shop Products	Leather, Tanned, Curried, and Finished	Paper and Wood Pulp	Woolen and Worsted Goods
1913	100	100	100	100	100	100	100	100
1914	99	97	97	97	99	98	99	105
1915	102	97	101	104	105	99	98	103
1916	115	109	118	113	115	118	118	126
1917	133	116	141	135	133	138	143	155
1918	166	142	177	159	165	172	175	196
1919	189	179	195	181	191	213	198	219
1920	225	198	252	210	220	242	249	268
1921	195	190	198	180	193	212	177	232

3. CLASSIFIED WEEKLY WAGES.

The Federal Census schedule, used jointly by the Federal Census Bureau and the Massachusetts Department of Labor and Industries in taking the census of manufactures in Massachusetts for 1921 did not include inquiries relative to *weekly rates* of wages, as distinct from *annual earnings* of wage-earners. Accordingly, this additional information was obtained by the State Department on a separate questionnaire. Manufacturers were requested to supply pay-roll data for the week during which the *greatest* number of wage-earners were employed and to report for piece-workers the usual full-time rates. The returns covered 641,970 wage-earners, which number was in excess of the *average* number (579,071) employed during the year, because the week of employment of the greatest number was by no means the same for all establishments.

The distribution of wage-earners who received \$15 or more per week in 1921, by sex and age groups and principal industries is shown by percentages in the accompanying table, with comparable percentages for the years 1920 and 1913.¹

The significant feature of this presentation is the great increase in the proportion of wage-earners who were found in the higher wage-groups in 1921 than in 1913. No marked change in distribution by wage-groups in 1921 as compared with 1920 occurred. Notwithstanding curtailment of production in nearly all of the manufacturing industries in 1921, *the rates of wages* per unit of time in 1921, were closely maintained even though the annual earnings of employees, because of lost time, were below those in 1920. With reference to principal industries, it is of interest to note that there was very little change in rates of wages in the boot and shoe industry, in the manufacture of foundry and machine shop products, and of electrical machinery, apparatus, and supplies.

DISTRIBUTION, BY SEX AND AGE GROUPS, OF EMPLOYEES WHO RECEIVED SPECIFIED RATES OF WAGES IN 1913, 1920, AND 1921.

INDUSTRIES.	PERCENTAGE OF TOTAL IN GROUP RECEIVING \$15 AND OVER								
	ADULT MALES			ADULT FEMALES			YOUNG PERSONS UNDER 18 YEARS OF AGE		
	1921	1920	1913	1921	1920	1913	1921	1920	1913
The State.	95.8	97.8	35.1	70.4	78.5	4.0	27.3	44.6	0.2
Boots and shoes	95.6	96.2	55.2	81.0	81.7	13.5	29.9	33.2	0.5
Cotton goods (including cotton small wares)	89.7	96.8	11.4	76.6	91.1	0.3	27.4	55.3	-
Electrical machinery, apparatus, and supplies	97.4	97.1	46.7	62.0	65.2	0.7	16.0	32.9	1.6
Foundry and machine-shop products	98.7	98.9	41.3	76.4	78.8	1.9	40.1	53.1	-
Leather, tanned, curried, and finished	97.7	98.6	24.0	69.8	77.1	-	41.4	44.5	-
Paper and wood pulp	99.6	100.0	23.8	54.3	96.4	0.2	47.2	91.5	-
Woolen and worsted goods	98.1	99.3	18.5	82.6	92.4	2.9	32.9	65.0	0.1

¹ For data in detail by industries and wage-groups, see Table III, beginning on page 42.

VI. POWER LAUNDRIES.

The importance of the power laundries in Massachusetts is of sufficient interest to warrant the collection of statistics concerning them, inasmuch as they have become a recognized aid to the home in performing, by means of power machinery, a very useful and ever recurring service. In their development, many new types of labor-saving machines have been and are still being invented and new investments of capital are frequently coming into the industry.

The data for 1921 include returns from 312 establishments having a capital investment of \$7,631,864, using materials costing \$2,550,033, and turning out a value of work, *i.e.*, a charge for service, amounting to \$14,895,451. A fairly constant labor force is employed in the industry, approximating in normal times eight thousand, the average for 1921 being 6,631, to whom were paid in wages for the year the sum of \$6,415,295 or an average of \$967.47 per employee.

The principal data for the years 1915 to 1921 are brought together in the following table:

PRINCIPAL DATA RELATIVE TO POWER LAUNDRIES, 1915-1921.

CLASSIFICATION.	1921	1920	1919	1918	1917	1916	1915
Number of establishments	312	311	339	324	359	373	376
Capital invested	\$7,631,864	\$7,531,169	\$7,199,294	\$6,486,767	\$5,575,196	\$5,383,116	\$5,037,974
Materials used	\$2,550,033	\$2,636,785	\$2,461,718	\$2,562,793	\$2,102,363	\$1,716,026	\$1,413,801
Average number of wage-earners	6,631	6,787	6,920	7,152	7,709	8,094	7,757
Wages paid	\$6,415,295	\$6,442,049	\$5,289,110	\$4,807,431	\$4,427,189	\$4,278,056	\$3,978,761
Value of work done	\$14,895,451	\$14,771,311	\$12,816,366	\$11,373,998	\$10,228,364	\$9,673,534	\$8,675,570

VII. CONCLUSION.

The year, 1921, may be characterized as a year of continuous depression in nearly all of the important industries in the State. Curtailment of production to an extent not exceeded for many years, certainly not since the financial depression in 1908, was generally true of the manufacturing industries throughout Massachusetts. The depression which first became evident late in 1920, reached the lowest point in January, 1921, and although, in general, there was a slow recovery from month to month, nevertheless the year closed with nearly all industries still affected, and the only important industry showing any pronounced recovery was the textile industry. Basic conditions, however, at the close of the year presaged well for a more prosperous year for the manufacturing industries in 1922.

There was, perhaps, some degree of satisfaction to be found in the reflection that the manufacturing industries of Massachusetts in 1921 were in no worse condition than were those elsewhere in the United States; that business conditions were due to factors not wholly within local control; and that international relations affecting foreign demand for manufactured products were in considerable measure responsible for the loss of the foreign markets so easily acquired during the war period and the two years immediately following. Some consolation also may be found in the fact that, in order to meet war-time demands, plant capacity was unduly expanded and it has not been possible (nor is it reasonable to assume that it would be possible) to utilize continuously and to the full extent the machinery and equipment which were necessary in order to meet abnormal demands.

This report should serve as an "account of stock" and it is not within the province of those who have been employed in its preparation to presume to attempt to solve the problems of industry with which manufacturers are confronted. It is hoped, however, that the data herein presented will prove of some assistance in enabling employers of labor and others interested in the welfare of Massachusetts industries to correctly appraise the industrial resources available within the Commonwealth.

ROSWELL F. PHELPS,
Director, Division of Statistics.

TABULAR PRESENTATIONS, 1921.

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS — 1921.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
The State.	9,994	\$1,441,035,230	\$641,360,936	\$1,107.57	579,071	\$2,849,413,516
Aluminum manufactures	4	190,347	113,894	1,186.40	96	404,788
Artificial limbs	5	19,471	16,273	1,479.36	11	71,894
Artificial stone products	21	297,598	354,030	1,519.44	233	984,160
Automobiles. (See motor vehicles.)						
Awnings, tents and sails	41	693,241	312,216	1,182.64	264	1,448,810
Baskets, and rattan and willow ware	5	181,026	245,452	697.31	352	488,134
Belted and hose, other than leather						
and rubber	4	439,886	106,037	1,325.46	80	689,781
Belted, leather	18	3,039,674	770,632	1,238.96	622	4,549,414
Billiard tables, bowling alleys, and						
accessories	5	69,745	38,917	1,341.97	29	186,265
Blackening, stains, and dressings . .	57	2,194,468	497,816	1,075.20	463	4,646,857
Bookbinding and blank-book making	78	2,912,732	2,861,743	1,123.57	2,547	8,530,903
Boot and shoe cut stock and findings,						
exclusive of those produced in boot						
and shoe factories	381	45,477,555	7,133,009	1,114.01	6,403	63,837,523
Boots and shoes, not including rub- ber boots and shoes	543	147,350,442	76,395,714	1,184.54	64,494	285,102,006
Boots and shoes, rubber	8	11,544,473	8,868,857	948.85	9,347	36,700,126
Boxes, cigar	4	169,132	104,621	886.62	118	426,556
Boxes, paper and other, not elsewhere specified	115	6,971,470	3,942,616	870.91	4,527	14,991,098
Boxes, wooden packing, except cigar boxes	58	5,647,746	2,356,378	1,004.42	2,346	9,811,678
Brass, bronze, copper, and allied products	64	4,017,892	1,897,499	1,232.94	1,539	6,807,799
Bread and other bakery products . .	1,125	33,596,767	11,328,144	1,279.73	8,852	63,972,784
Brick, tile, and terra-cotta and fire- clay products	27	387,255	589,942	1,080.48	546	1,654,122
Brooms	15	263,402	81,851	998.18	82	493,293
Brushes	28	3,717,790	1,427,080	978.79	1,458	7,799,011
Butter	23	1,392,921	57,333	1,246.37	46	1,599,278
Buttons	17	350,766	203,027	825.31	246	779,295
Canning and preserving, fish	24	1,828,162	870,480	1,012.19	860	4,069,009
Carpets and rugs, other than rag . .	11	5,878,285	3,715,753	1,206.41	3,080	11,287,978
Carpets, rag	11	36,850	62,169	875.62	71	174,222
Carriage and wagon materials . . .	8	195,413	130,722	1,294.28	101	460,362
Carriages and sleds, children's . . .	14	2,140,371	1,268,462	1,129.53	1,123	4,553,975
Carriages and wagons, including re- pairs	23	416,678	396,670	1,458.35	272	1,045,064
Cars and general shop construction and repairs by electric-railroad companies	30	1,493,302	2,378,630	1,471.01	1,617	4,072,298
Cars and general shop construction and repairs by steam-railroad companies	14	11,060,889	11,617,527	1,674.24	6,939	23,717,555
Chemicals	35	9,618,254	2,491,421	1,316.82	1,892	18,811,091
Chocolate and cocoa products . . .	10	10,875,891	1,349,984	1,166.80	1,157	18,971,666
Cleansing and polishing preparations	23	578,732	99,335	1,056.76	94	1,115,007
Cloth, sponging and refinishing . . .	5	15,145	90,944	1,624.00	56	181,962
Clothing, men's	194	13,187,814	6,021,744	1,162.50	5,180	26,377,405
Clothing, women's	249	13,284,009	5,197,553	987.38	5,264	23,884,768
Coffee and spice, roasting and grind- ing	20	8,602,469	573,955	1,114.48	515	13,398,121
Coffins, burial cases, and under- takers' goods	10	1,010,449	372,344	1,152.77	323	1,929,654
Combs and hairpins, not made from metal or rubber	21	1,289,492	908,214	933.42	973	2,969,933
Confectionery and ice cream	295	31,136,393	7,866,302	867.29	9,070	53,782,441
Confectionery	146	24,643,965	6,545,314	798.01	8,202	42,975,013
Ice cream	149	6,492,428	1,320,988	1,521.88	868	10,807,428
Cooperage	11	1,243,603	224,593	989.40	227	1,615,303
Copper, tin, and sheet-iron work . .	100	2,217,973	1,443,592	1,473.05	980	5,440,128
Cordage and twine	13	10,795,241	2,691,494	951.06	2,830	18,169,138
Cordials and flavoring sirups	8	946,540	158,293	688.23	230	1,572,135
Corsets	13	3,061,383	1,262,439	706.06	1,788	7,287,770
Cotton goods	182	153,725,300	96,547,054	907.93	106,337	313,829,605
Cotton small wares	42	2,026,511	927,400	805.73	1,151	3,772,289
Cutlery and edge tools	42	2,422,564	2,718,553	981.78	2,769	15,447,457

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS — 1921 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners	Value of Product
The State — Continued.						
Dental goods	5	\$76,974	\$25,640	\$1,165.45	22	\$177,153
Druggists' preparations	17	3,429,436	1,080,137	959.27	1,126	7,295,919
Dyeing and finishing textiles, exclusive of that done in textile mills	63	52,664,331	14,142,174	1,061.88	13,318	92,953,438
Dyestuffs and extracts	22	1,725,790	196,069	1,256.85	156	2,571,927
Electrical machinery, apparatus, and supplies	105	27,951,204	20,348,264	1,153.86	17,635	72,047,824
Electroplating	31	124,872	250,166	1,421.40	176	550,247
Emery and other abrasive wheels	10	2,296,708	1,190,238	976.41	1,219	3,810,106
Engraving and diesinking	25	100,498	239,269	1,450.12	165	565,112
Engraving, steel and copper plate, including plate printing	17	298,273	533,438	1,240.55	430	1,315,656
Envelopes	13	5,553,015	1,853,655	1,009.62	1,836	9,606,130
Fancy articles, not elsewhere specified	32	4,989,033	1,839,105	952.41	1,931	8,232,265
Felt goods	14	2,962,025	788,232	1,107.07	712	5,810,775
Fertilizers	5	5,354,648	419,898	1,004.54	418	10,151,328
Firearms	4	662,138	2,254,726	1,249.85	1,804	4,999,787
Flavoring extracts	16	1,269,403	149,498	1,158.90	129	2,449,425
Flour-mill and grain-mill products	57	2,828,183	157,468	1,175.13	134	3,450,653
Food preparations, not elsewhere specified	60	3,584,990	626,202	1,059.56	591	6,833,028
Foundry and machine-shop products	515	35,452,972	26,755,815	1,336.39	20,021	112,172,802
Fur goods	24	1,000,998	402,663	1,623.64	248	1,801,073
Furnishing goods, men's	14	1,153,829	234,164	788.43	297	1,892,262
Furniture	160	10,941,342	6,922,987	1,107.50	6,251	24,039,399
Gas and electric fixtures	5	76,372	67,372	1,347.44	50	222,598
Gas, illuminating and heating	47	13,679,896	4,324,527	1,713.36	2,524	33,808,668
Glass cutting, staining, and ornamenting	22	411,333	364,493	1,330.27	274	1,131,895
Glue, not elsewhere specified	11	3,477,071	886,671	1,224.68	724	5,910,324
Gold and silver, leaf and foil	13	683,970	161,440	996.54	162	967,511
Grease and tallow, not including lubricating greases	22	2,752,780	823,107	1,097.48	750	4,080,893
Hair work	4	43,846	25,791	1,121.38	23	108,746
Hand stamps	13	90,440	83,241	1,280.63	65	303,719
Hardware	32	787,333	616,207	1,077.28	572	2,034,655
Hats and caps, other than felt, straw, and wool	32	969,281	434,207	1,396.16	311	1,815,180
Hats, fur-felt	3	234,641	242,705	959.31	253	574,146
Hats, straw	13	3,083,066	1,478,808	982.60	1,505	5,377,849
House-furnishing goods, not elsewhere specified	49	5,586,379	854,219	859.38	994	7,982,849
Ice, manufactured	10	189,901	205,702	1,254.28	164	1,053,512
Instruments, professional and scientific	24	449,507	741,610	1,200.02	618	2,271,921
Iron and steel, steel works and rolling mills	13	12,895,395	3,006,162	1,201.98	2,501	18,560,720
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	9	1,397,662	1,290,000	1,032.83	1,249	2,971,878
Iron and steel, forgings, not made in steel works or rolling mills	13	3,173,614	1,728,816	1,402.12	1,233	6,808,845
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills	23	2,555,530	1,140,534	1,027.51	1,110	4,643,713
Iron and steel, processed or welded	22	116,428	112,994	1,614.20	70	338,209
Ivory, shell and bone work, not including combs and hairpins	7	272,897	166,172	983.27	169	656,605
Jewelry	153	9,025,355	5,280,215	1,143.15	4,619	20,171,714
Jewelry and instrument cases	11	527,770	336,375	767.98	438	1,443,905
Knit goods	81	20,251,896	8,969,044	854.44	10,497	34,924,807
Lamps and reflectors	9	597,232	440,465	1,200.18	267	1,465,669
Lasts	35	1,872,968	1,602,703	1,380.45	1,161	5,669,893
Leather goods, not elsewhere specified	45	1,112,156	380,308	864.34	440	1,964,228
Leather, tanned, curried, and finished	119	35,801,421	11,389,125	1,260.14	9,038	61,106,452
Lime	11	1,125,758	526,099	1,067.14	493	2,202,460
Linen goods	3	1,869,519	828,635	779.52	1,063	3,556,579
Liquors, malt	14	936,358	575,744	1,599.29	360	2,112,963
Lithographing	14	2,129,652	1,750,366	1,595.59	1,097	5,357,454

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS — 1921 — Continued.

A. THE STATE: BY INDUSTRIES — Continued.

INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners	Value of Product
The State — Continued.						
Lumber and timber products	133	\$2,584,624	\$1,314,657	\$1,078.47	1,219	\$5,168,001
Lumber, planing-mill products, not including products of planing mills connected with sawmills	134	6,377,660	3,034,073	1,380.38	2,198	11,948,729
Machine tools	37	1,089,781	1,341,357	1,287.29	1,042	3,588,172
Marble and stone work	190	2,436,191	3,054,708	1,566.52	1,950	8,067,266
Mattresses and spring beds	58	2,316,081	718,321	1,266.88	567	4,082,620
Millinery and lace goods, not elsewhere specified	61	3,701,624	1,124,725	940.41	1,196	6,739,311
Mineral and soda waters	137	3,449,173	801,661	1,260.47	636	8,160,860
Minerals and earths, ground or otherwise treated	7	294,076	88,265	1,243.17	71	503,184
Mirror and picture frames	22	200,935	175,569	1,155.06	152	545,659
Mirrors, framed and unframed	5	226,516	100,115	1,283.53	78	472,073
Models and patterns, not including paper patterns	64	307,785	635,647	1,704.15	373	1,714,632
Motorcycles, bicycles, and parts	7	2,053,176	1,288,883	1,088.56	1,184	6,393,522
Motor-vehicle bodies and parts	77	4,492,473	3,485,269	1,315.69	2,649	11,033,997
Motor vehicles	14	16,474,092	2,601,036	1,571.62	1,655	24,489,684
Mucilage, paste, and other adhesives, not elsewhere specified	19	1,070,774	146,310	1,492.96	98	2,035,626
Musical instruments and materials, not elsewhere specified	16	190,346	304,161	1,202.22	253	848,550
Musical instruments, organs	4	342,737	334,637	1,632.38	205	882,560
Musical instruments, pianos	14	2,705,417	1,506,777	1,177.17	1,280	5,548,236
Musical instruments, piano and organ materials	16	1,126,960	1,078,095	1,100.10	980	3,044,280
Needles, pins, and hooks and eyes	5	516,185	892,588	1,078.00	828	2,282,022
Oil, not elsewhere specified	12	2,179,140	161,263	1,143.71	141	2,815,071
Optical goods	26	1,641,810	2,715,911	1,019.87	2,663	7,126,129
Paints	17	1,918,598	301,371	1,215.21	248	3,884,218
Paper and wood pulp	81	40,614,356	12,592,648	1,013.33	12,427	62,865,216
Paper goods, not elsewhere specified	49	6,179,135	1,650,792	993.85	1,661	10,483,630
Patent medicines and compounds	60	2,856,385	563,776	978.78	576	8,011,828
Paving materials	17	481,132	436,946	1,259.21	347	1,418,140
Perfumery and cosmetics	14	448,992	69,863	884.34	79	934,869
Photo-engraving, not done in printing establishments	27	279,408	931,139	1,797.57	518	2,308,834
Photographic materials	5	284,984	66,739	1,259.23	53	437,081
Pickles, preserves, and sauces	30	3,446,056	521,656	1,112.27	469	5,462,115
Plated ware	7	479,725	684,168	1,262.30	542	1,527,400
Plumbers' supplies, not elsewhere specified	10	1,058,145	617,942	1,113.41	555	2,216,117
Pocketbooks	9	256,798	178,192	724.36	246	814,937
Pottery	8	102,091	185,721	1,125.58	165	412,354
Printing and publishing, book and job	575	14,299,528	10,837,837	1,430.36	7,577	52,069,367
Printing and publishing, music	10	211,659	156,739	1,196.48	131	1,731,133
Printing and publishing, newspapers and periodicals	305	20,790,688	8,847,062	1,749.81	5,056	53,050,004
Printing materials, including type-founding	6	96,074	97,623	1,096.89	89	396,071
Pulp goods	5	94,901	56,266	1,148.29	49	215,772
Pumps, steam and other power	9	2,041,158	1,301,353	1,015.89	1,281	5,286,928
Refrigerators	11	391,644	174,966	1,666.34	105	770,308
Regalia, and society badges and emblems	7	231,445	148,313	1,115.14	133	498,098
Rubber goods, not elsewhere specified	50	16,269,019	5,316,020	1,058.13	5,024	28,786,812
Saddlery and harness	10	215,818	129,598	1,089.06	119	477,833
Sausage, not made in slaughtering and meat-packing establishments	61	3,110,993	478,323	1,223.33	391	4,506,971
Saws	10	557,834	505,511	1,089.46	464	1,703,560
Screws, machine	24	330,533	296,010	1,129.81	262	842,550
Sewing machines, cases and attachments	6	818,716	546,383	968.76	564	1,897,902
Shipbuilding, steel	4	9,365,448	7,078,126	1,246.37	5,679	21,273,349
Shipbuilding, wooden	35	342,090	416,882	1,240.72	336	1,039,099
Shirts	13	2,745,963	668,347	605.39	1,104	3,843,008
Show cases	8	188,368	109,844	1,373.05	80	416,940
Signs and advertising novelties	28	427,762	469,498	1,296.96	362	1,272,577
Silk goods, including products of throwsters	23	13,162,836	4,467,028	761.77	5,864	23,604,010

P.D. 36.
TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
The State — Concluded.						
Silversmithing and silverware	22	\$2,127,811	\$1,903,172	\$1,231.03	1,546	\$7,116,730
Slaughtering and meat packing	33	41,052,369	3,798,379	1,272.06	2,986	48,810,846
Soap	23	7,012,424	1,012,748	1,139.20	889	18,063,959
Soda-water apparatus	4	654,160	353,525	1,314.22	269	1,754,121
Sporting and athletic goods	11	3,161,410	1,766,354	1,215.66	1,453	6,824,606
Springs, steel, vehicle, heavy ma- chine, etc., not made in steel works or rolling mills	8	151,161	109,760	1,590.72	69	407,405
Stamped and enameled ware, not elsewhere specified	16	767,836	501,206	1,207.73	415	1,786,437
Stationery goods, not elsewhere specified	27	7,266,229	2,703,669	958.41	2,821	13,996,421
Statuary and art goods	8	45,471	84,005	1,448.36	58	261,207
Steam-fittings and steam and hot- water heating apparatus	24	3,272,955	3,525,521	1,187.84	2,968	9,665,265
Steam packing	10	201,850	87,788	975.42	90	407,738
Stencils and brands	4	10,006	11,787	1,178.70	10	49,314
Stereotyping and electrotyping	9	131,070	277,563	1,438.15	193	718,461
Stoves and hot-air furnaces	13	1,281,701	1,589,482	1,382.16	1,150	4,615,963
Structural ironwork, not made in steel works or rolling mills	54	2,838,664	1,384,625	1,474.57	939	6,122,309
Surgical appliances	11	2,539,665	323,559	1,047.12	309	3,757,027
Suspenders, garters, and elastic web- bing	27	6,561,687	2,549,749	1,008.20	2,529	11,493,115
Textile machinery and parts	127	23,199,148	20,836,446	1,264.42	16,479	67,204,551
Tinware, not elsewhere specified	11	1,429,193	712,187	1,097.36	649	3,029,230
Tobacco, chewing and smoking, and snuff	7	168,220	31,154	1,074.28	29	352,323
Tobacco, cigars, and cigarettes	95	5,337,224	3,272,189	1,327.46	2,465	10,779,594
Tools, not elsewhere specified	82	4,175,572	4,981,451	1,034.57	4,815	13,779,658
Toys and games	27	1,656,435	1,036,842	846.40	1,225	4,528,360
Trunks and valises	26	1,335,724	591,780	1,081.86	547	2,716,761
Umbrellas and canes	9	409,833	102,111	928.28	110	722,711
Upholstering materials, not else- where specified	7	1,599,814	161,220	1,007.63	160	1,921,291
Varnishes	11	2,490,727	238,254	1,221.82	195	4,480,947
Vinegar and cider	13	422,997	66,208	1,003.15	66	650,572
Waste	9	1,557,192	159,586	839.93	190	1,955,340
Watch and clock materials, except watch cases	5	96,418	128,085	934.93	137	273,179
Whips	7	378,327	196,284	811.09	242	889,437
Window and door screens and weather strips	12	143,659	97,975	1,209.57	81	328,811
Window shades and fixtures	11	323,644	59,390	913.69	65	536,473
Wire	9	8,510,289	4,464,572	1,117.82	3,994	17,986,919
Wirework, not elsewhere specified	24	1,786,975	1,166,118	1,043.97	1,117	4,231,647
Wood, turned and carved	32	798,690	642,073	954.05	673	1,913,078
Wooden goods, not elsewhere speci- fied	13	574,642	332,385	1,122.92	296	1,374,547
Wool scouring	12	534,402	1,096,703	1,531.71	716	2,161,733
Wool shoddy	18	1,465,789	386,573	1,189.46	325	2,090,156
Woolen goods	101	33,070,021	18,775,109	1,193.21	15,735	66,697,659
Worsted goods	79	109,093,511	44,455,284	1,086.69	40,909	195,936,004
All other industries	206	108,912,921	25,249,012	1,144.04	22,070	176,803,516

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS — 1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES.

CITIES AND INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners	Value of Product
ATTLEBORO.	124	\$10,888,696	\$5,808,220	\$1,087.48	5,341	\$23,430,403
Engraving and diesinking	6	5,163	35,036	1,094.88	32	75,068
Jewelry	69	6,260,759	2,519,351	1,155.14	2,181	11,720,807
Silversmithing and silverware	4	341,611	375,772	1,138.70	330	1,222,511
Tools, not elsewhere specified	5	112,421	176,385	1,434.02	123	466,007
Other industries	40	4,168,742	2,701,676	1,009.97	2,675	9,946,010
BEVERLY.	54	3,454,236	4,896,362	1,342.94	3,646	10,620,251
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	4	69,369	35,005	1,266.83	30	147,097
Boots and shoes, not including rubber boots and shoes	14	1,807,119	1,118,818	1,014.34	1,103	3,854,304
Bread and other bakery products	6	74,619	16,273	1,435.51	13	130,169
Printing and publishing	6	47,653	46,592	1,109.93	42	222,038
Other industries	24	1,455,476	3,674,285	1,494.83	2,458	6,266,643
BOSTON.	2,663	256,240,094	90,571,095	1,254.97	72,691	489,164,939
Artificial limbs	5	19,471	16,273	1,479.36	11	71,894
Artificial stone products	5	176,569	235,640	1,570.93	150	658,241
Awnings, tents, and sails	20	421,940	187,473	1,179.08	159	923,733
Billiard tables, bowling alleys, and accessories	5	76,676	43,332	1,397.81	31	199,869
Blacking, stains, and dressings	14	446,054	96,393	1,107.97	87	889,659
Bookbinding and blank-book making	46	694,375	1,083,962	1,168.06	928	2,960,689
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	42	15,501,388	1,132,813	1,229.98	921	19,125,995
Boots and shoes, not including rubber boots and shoes	21	10,639,130	6,476,523	1,128.71	5,738	21,273,993
Boxes, paper and other, not elsewhere specified	25	979,202	812,366	815.63	996	2,531,885
Brass, bronze, copper, and allied products	25	395,898	289,948	1,449.74	200	936,508
Bread and other bakery products	267	11,232,448	3,741,623	1,269.64	2,947	21,475,124
Canning and preserving	21	3,263,694	509,453	1,124.62	453	5,224,997
Carriages and wagons, and materials	6	240,006	222,926	1,592.33	140	573,545
Cleansing and polishing preparations	8	200,899	30,070	1,156.54	26	363,610
Cloth sponging and refinishing	5	15,145	90,944	1,624.00	56	181,962
Clothing, men's	149	10,497,774	4,647,774	1,311.44	3,544	21,313,654
Clothing, women's	164	8,640,244	3,357,029	1,131.46	2,967	15,643,093
Coffee and spice, roasting and grinding	13	8,272,375	544,099	1,121.85	485	12,912,906
Confectionery and ice cream	77	18,950,242	4,882,356	816.86	5,977	32,607,403
Confectionery	60	17,884,436	4,723,506	806.20	5,859	31,028,622
Ice cream	17	1,065,806	158,850	1,346.19	118	1,578,781
Copper, tin, and sheet-iron products, including stamped ware and tinware	52	2,453,014	1,268,441	1,262.13	1,005	5,450,070
Cotton goods	7	1,113,554	493,678	895.97	551	2,062,649
Cutlery and tools, not elsewhere specified	18	1,812,508	1,627,109	966.22	1,684	13,152,780
Dyestuffs and extracts	13	680,903	92,702	1,236.03	75	1,046,179
Electrical machinery, apparatus, and supplies	34	3,656,903	2,404,325	1,089.90	2,206	10,843,357
Electroplating	12	56,678	114,519	1,487.26	77	247,104
Engraving and diesinking	13	54,900	127,945	1,487.73	86	295,081
Engraving, steel and copper plate, including plate printing	13	206,206	395,982	1,199.95	330	983,670
Flavoring extracts and sirups	12	1,608,579	247,776	801.86	309	2,873,359
Food preparations, not elsewhere specified	24	2,253,747	395,603	1,054.94	375	4,648,593
Foundry and machine-shop products	124	9,541,647	6,296,539	1,339.40	4,701	24,861,496
Fur goods	17	767,931	311,775	1,623.73	192	1,369,951
Furnishing goods, men's	10	779,828	125,398	862.92	143	1,263,460
Furniture	58	2,512,086	1,371,657	1,402.51	978	5,926,823
Glass, cutting, staining and ornamenting	11	31,910	89,956	1,665.85	54	218,408
Hand stamps and stencils and brands	13	79,684	89,526	1,517.39	59	304,643
Hardware	12	84,967	89,339	1,130.87	79	253,852
Hats and caps, other than felt, straw, and wool	24	851,392	382,301	1,448.11	264	1,605,230

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
BOSTON — Concluded.						
House-furnishing goods, not else- where specified	28	\$3,556,699	\$489,043	\$823.30	594	\$5,066,846
Instruments, professional and scien- tific	7	199,843	336,587	1,219.52	276	747,519
Jewelry	23	496,995	306,031	1,758.80	174	1,185,041
Knit goods	14	2,708,011	840,316	887.35	947	3,959,098
Leather goods, not elsewhere speci- fied	18	583,372	181,148	924.22	196	1,152,637
Liquors, malt	7	589,459	365,747	1,725.22	212	1,408,781
Lithographing	7	152,158	177,182	1,362.94	130	545,080
Lumber, planing-mill products	37	1,637,630	892,108	1,489.33	599	3,250,978
Marble and stone work	15	556,344	412,115	1,799.63	229	1,475,284
Mattresses and spring beds	25	1,745,754	515,752	1,350.14	382	2,999,842
Millinery and lace goods, not else- where specified	52	1,687,700	802,083	948.09	846	3,363,356
Mineral and soda waters	30	1,136,198	254,654	1,361.79	187	2,883,455
Mirror and picture frames	13	114,532	80,334	1,199.01	67	276,316
Models and patterns, not including paper patterns	17	57,698	124,652	1,483.95	84	351,097
Motor vehicle bodies and parts	20	413,803	360,405	1,465.06	246	1,179,074
Musical instruments and materials, not specified	11	160,433	271,994	1,225.20	222	742,802
Musical instruments, pianos and organs, and materials	10	2,199,920	1,202,934	1,173.59	1,025	4,437,062
Paints and varnishes	8	694,157	128,021	1,333.55	96	1,107,868
Paper goods, not elsewhere specified	8	527,355	138,877	895.98	155	764,029
Patent medicines and compounds and druggists' preparations	43	3,701,249	1,135,881	982.60	1,156	8,740,937
Photo-engraving, not done in print- ing establishments	16	161,820	658,125	1,869.67	352	1,588,037
Pottery	3	42,073	64,492	962.57	67	148,335
Printing and publishing	371	22,824,375	9,889,271	1,662.90	5,947	60,788,376
Refrigerators	6	261,685	109,078	1,514.97	72	499,022
Rubber goods, not elsewhere speci- fied	10	529,366	311,648	976.95	319	1,199,357
Sausage, not made in slaughtering and meat-packing establishments	18	1,552,137	229,023	1,218.21	188	2,198,366
Screws, machine	7	99,476	98,350	1,199.39	82	250,802
Show cases	5	125,848	66,071	1,501.61	44	279,068
Signs and advertising novelties	14	270,664	303,510	1,238.82	245	859,192
Silverware and plated ware	6	123,532	163,867	1,354.27	121	414,002
Slaughtering and meat packing	8	3,651,215	215,466	1,390.10	155	4,401,043
Soap	8	392,867	49,157	1,260.44	39	674,214
Springs, steel, vehicle, heavy ma- chine, etc., not made in steel works and rolling mills	4	85,389	59,512	2,204.15	27	230,257
Stationery goods, not elsewhere specified	5	730,079	131,481	973.93	135	1,264,959
Statuary and art goods	6	33,369	59,822	1,329.38	45	192,687
Steam fittings and steam and hot- water heating apparatus	9	1,718,406	1,554,856	1,077.52	1,443	4,185,072
Steam packing	4	44,824	25,798	1,228.48	21	138,081
Stereotyping and electrotyping	4	64,706	146,018	1,431.55	102	352,877
Structural ironwork, not made in steel works or rolling mills	23	467,887	317,668	1,484.43	214	1,082,937
Surgical appliances	6	131,047	108,022	1,069.52	101	362,799
Suspenders, garters, and elastic web- bing	7	1,384,616	343,450	766.63	448	2,408,342
Tobacco manufactures	38	3,917,504	2,425,498	1,416.76	1,712	8,009,948
Trunks and valises	18	609,865	296,699	1,267.94	234	1,165,105
Umbrellas and canes	6	344,402	56,955	550.07	67	150,381
Window and door screens and weather strips	5	47,618	30,581	1,329.61	23	104,586
Window shades and fixtures	6	130,348	23,232	968.00	24	233,620
Wirework, not elsewhere specified	4	10,985	14,719	865.82	17	46,890
Other industries	268	74,854,814	19,479,346	1,428.10	13,640	112,684,012
BROCKTON.						
Blacking, stains, and dressings	12	225,120	45,561	1,171.78	14,655	75,178,602
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	61	6,450,223	1,501,597	1,013.22	1,482	9,997,426
Boots and shoes, not including rub- ber boots and shoes	51	27,266,716	12,653,080	1,175.06	10,768	51,195,286

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS — 1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
BROCKTON — Concluded.						
Boxes, paper and other, not else- where specified	4	\$161,960	\$109,071	\$908.93	120	\$461,908
Bread and other bakery products	17	722,807	195,130	1,639.75	119	1,362,273
Cutlery and tools, not elsewhere specified	9	71,880	113,593	1,320.85	86	290,034
Foundry and machine-shop products	8	233,356	314,294	1,482.52	212	866,887
Lasts	8	681,873	428,999	1,307.92	328	1,698,734
Leather goods, not elsewhere speci- fied	3	24,780	11,442	817.29	14	47,167
Lumber, planing-mill products	3	27,583	24,156	1,610.40	15	68,568
Models and patterns, not including paper patterns	6	76,105	181,658	1,666.59	109	443,402
Mucilage and paste, and other adhe- sives, not elsewhere specified	5	263,687	9,080	1,454.00	20	425,391
Printing and publishing	15	529,074	345,774	1,578.88	219	1,601,339
Other industries	46	3,124,562	1,195,635	1,081.04	1,106	6,176,030
CAMBRIDGE.	311	58,384,040	20,720,735	1,135.69	18,245	122,776,695
Bookbinding and blank-book making	6	255,674	404,947	1,156.99	350	1,170,649
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	4	386,452	66,865	1,078.47	62	780,963
Boxes, paper and other, not else- where specified	6	399,301	338,061	797.31	424	977,640
Bread and other bakery products	38	4,850,235	1,834,919	1,134.77	1,617	10,961,918
Clothing, women's	8	471,886	233,496	908.54	257	852,417
Confectionery and ice cream	28	5,032,505	1,345,892	828.24	1,625	8,671,128
Confectionery	20	3,935,740	1,112,952	745.45	1,493	6,886,107
Ice cream	8	1,096,765	232,940	1,764.70	132	1,785,021
Copper, tin, and sheet-iron products	8	869,842	393,253	1,323.10	301	1,759,345
Electrical machinery, apparatus, and supplies	9	1,030,209	1,135,643	1,249.33	909	4,666,618
Foundry and machine-shop products, including steam pumps	18	2,955,410	2,024,946	1,247.66	1,623	7,059,935
Furniture	10	782,568	903,965	1,343.19	673	2,819,192
Instruments, professional and scien- tific	3	48,547	38,499	1,241.90	31	145,398
Knit goods	3	381,232	172,182	797.14	216	744,445
Marble and stone work	6	267,294	201,621	1,390.49	145	687,750
Motor vehicle bodies and parts	4	101,732	100,835	1,440.50	70	283,761
Musical instruments, pianos and organs, and materials	5	639,394	619,506	980.23	632	1,895,778
Printing and publishing	35	3,457,147	2,709,977	1,548.56	1,750	13,083,769
Slaughtering and meat packing	3	87,172	7,950	1,590.00	5	100,593
Structural ironwork, not made in steel works or rolling mills	9	507,899	326,276	1,456.59	224	1,152,896
Tobacco manufactures	3	39,621	20,158	1,559.88	16	74,056
Other industries	105	31,919,920	7,836,744	1,071.33	7,315	64,888,444
CHELSEA.	107	14,067,786	6,854,532	1,234.83	5,551	28,202,021
Boots and shoes, not including rub- ber boots and shoes	6	4,211,756	1,871,405	1,111.95	1,683	7,471,703
Boxes, paper and other, not else- where specified	4	233,658	134,259	780.58	172	640,867
Bread and other bakery products	14	345,453	155,132	1,723.69	90	677,488
Food preparations, not elsewhere specified	4	177,918	39,728	1,103.56	36	300,397
Foundry and machine-shop products	6	678,352	253,152	1,298.22	195	1,247,678
Furniture	5	70,889	60,180	1,228.16	49	181,786
Lumber, planing-mill products	3	67,436	31,080	1,635.79	19	96,811
Printing and publishing	6	40,381	23,215	1,450.94	16	98,100
Other industries	59	8,191,943	4,286,381	1,302.46	3,291	17,487,191
CHICOPEE.	56	23,042,109	9,731,892	1,168.01	8,332	48,525,442
All industries	56	23,042,109	9,731,892	1,168.01	8,332	48,525,442
EVERETT.	114	22,491,144	5,844,165	1,311.82	4,455	46,082,534
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	3	138,918	47,142	841.82	56	255,569
Boots and shoes, not including rub- ber boots and shoes	8	1,397,423	953,389	1,197.99	800	2,922,751
Boxes, paper and other, not else- where specified	4	297,898	143,796	927.72	155	591,201

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
EVERETT — Concluded.						
Bread and other bakery products . . .	9	\$67,919	\$21,053	\$1,002.52	21	\$119,930
Clothing, women's . . .	6	205,450	67,076	1,064.70	63	332,779
Foundry and machine-shop products . .	13	311,504	360,059	1,487.85	242	1,058,607
Marble and stone work . . .	3	43,129	52,918	1,824.76	29	132,802
Paints and varnishes . . .	5	2,202,230	210,104	1,207.49	174	3,932,929
Printing and publishing . . .	6	65,396	51,715	940.27	55	220,869
Structural ironwork, not made in steel works or rolling mills . . .	4	487,482	233,040	1,493.85	156	1,320,507
Other industries . . .	53	17,273,795	3,698,873	1,367.93	2,704	35,194,590
FALL RIVER.						
Belting, leather . . .	264	70,461,205	31,193,594	890.05	35,047	133,352,942
Bread and other bakery products . . .	3	345,878	130,118	1,216.06	107	569,629
Confectionery and ice cream . . .	59	1,153,731	310,778	1,419.08	219	1,828,338
Copper, tin, and sheet-iron products . .	6	135,189	15,557	1,414.27	11	231,532
Cotton goods . . .	6	37,215	40,831	1,512.26	27	104,967
Cotton small wares . . .	46	32,748,550	24,242,106	851.98	28,454	67,860,657
Foundry and machine-shop products . .	7	522,625	229,260	647.63	354	991,858
Hats and caps, other than felt, straw, and wool . . .	9	162,786	102,544	1,486.14	69	337,791
Lumber, planing-mill products . . .	3	10,100	3,120	780.00	4	20,240
Marble and stone work . . .	5	241,091	103,994	1,316.38	79	421,568
Mineral and soda waters . . .	6	32,863	51,109	1,548.76	33	97,004
Printing and publishing . . .	6	71,990	25,370	1,057.08	24	116,969
Sausage, not made in slaughtering and meat-packing establishments . . .	17	215,287	226,063	1,507.09	150	692,395
Textile machinery and parts . . .	10	244,808	28,236	1,086.00	26	318,508
Trunks and valises . . .	18	1,533,626	793,714	1,117.91	710	3,078,284
Other industries . . .	3	83,418	24,723	1,074.91	23	126,469
FITCHBURG.	60	32,922,048	4,866,071	1,022.93	4,757	56,556,733
Bread and other bakery products . . .	115	22,591,089	9,095,169	1,136.33	8,004	40,785,312
Confectionery and ice cream . . .	20	402,274	130,374	1,372.36	95	766,754
Cotton goods . . .	3	42,841	12,580	1,143.64	11	66,390
Foundry and machine-shop prod- ucts, including textile machinery . .	6	3,620,823	2,538,409	1,027.28	2,471	9,044,225
Mineral and soda waters . . .	19	833,280	652,219	1,339.26	487	2,012,432
Paper and wood pulp . . .	3	25,689	9,146	1,524.33	6	51,683
Printing and publishing . . .	4	8,360,452	1,808,534	1,179.74	1,533	12,818,067
Woolen and worsted goods . . .	8	102,834	115,230	1,578.49	73	499,075
Other industries . . .	4	4,192,959	1,213,871	1,161.60	1,045	6,216,193
GLoucester.	48	5,009,937	2,614,806	1,145.34	2,283	9,310,493
Bread and other bakery products . . .	69	4,712,202	2,134,330	1,003.92	2,126	9,613,677
Canning and preserving, fish . . .	5	93,375	35,308	954.27	37	165,783
Clothing, men's . . .	14	1,628,305	788,628	997.00	791	3,681,538
Foundry and machine-shop products . .	4	299,722	135,710	822.48	165	483,365
Printing and publishing . . .	4	35,149	27,154	1,429.16	19	74,730
Shipbuilding, wooden . . .	4	34,392	31,385	1,162.41	27	146,499
Other industries . . .	8	63,329	59,054	1,440.34	41	169,171
HAVERHILL.	30	2,557,930	1,057,091	1,010.60	1,046	4,392,591
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories . . .	379	31,572,809	15,073,037	1,333.43	11,304	58,803,252
Boots and shoes, not including rub- ber boots and shoes . . .	135	8,614,109	1,504,606	1,268.64	1,186	12,267,030
Boxes, paper and other, not else- where specified . . .	142	17,936,640	11,508,640	1,387.08	8,297	37,201,730
Boxes, wooden packing, except cigar boxes . . .	5	242,378	138,424	981.73	141	532,543
Bread and other bakery products . . .	3	243,735	136,517	996.47	137	467,865
Confectionery and ice cream . . .	21	426,232	153,316	1,564.45	98	771,482
Confectionery . . .	9	180,072	46,318	1,102.81	42	320,056
Ice cream . . .	5	74,633	25,418	1,016.72	25	147,284
Cutlery and tools, not elsewhere specified . . .	4	105,439	20,900	1,229.41	17	172,772
Foundry and machine-shop products . .	4	12,468	37,739	1,797.10	21	71,328
Mineral and soda waters . . .	6	131,768	76,946	1,672.74	46	297,413
Models and patterns, not including paper patterns . . .	3	21,371	7,523	1,074.71	7	49,852
Printing and publishing . . .	7	30,432	77,346	1,841.57	42	216,152
Other industries . . .	10	119,643	82,507	1,586.67	52	439,547
	34	3,613,961	1,303,155	1,055.19	1,235	6,168,254

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
HOLYOKE.	150	\$39,517,587	\$16,519,856	\$952.81	17,338	\$69,651,654
Bread and other bakery products . . .	23	532,370	178,613	1,334.60	129	1,016,195
Flour-mill products . . .	3	57,165	3,150	1,050.00	3	68,554
Foundry and machine-shop products . .	12	668,817	607,155	1,297.34	468	1,852,128
Lumber, planing-mill products . . .	3	710,596	224,663	1,449.44	155	1,145,382
Mineral and soda waters . . .	3	36,034	9,487	1,054.11	9	64,003
Paper and wood pulp . . .	21	10,516,538	3,369,280	853.41	3,948	14,415,924
Paper goods, not elsewhere specified . .	7	2,173,017	558,820	1,070.54	522	3,609,133
Printing and publishing . . .	13	181,271	231,603	1,475.18	157	723,917
Sausage, not made in slaughtering and meat-packing establishments . . .	4	57,825	16,105	1,342.08	12	90,281
Stationery goods, not elsewhere specified . . .	11	2,137,104	780,264	906.23	861	4,161,962
Tobacco manufactures . . .	3	26,467	21,348	1,067.40	20	67,917
Woolen and worsted goods . . .	5	9,971,509	4,045,029	1,029.27	3,930	18,015,941
Other industries . . .	42	12,448,874	6,474,339	908.81	7,124	24,420,017
LAWRENCE.	193	75,455,293	36,904,884	1,105.37	35,387	149,543,413
Artificial stone products . . .	3	8,300	4,524	1,508.00	3	19,100
Bread and other bakery products . . .	47	832,204	286,772	1,333.82	215	1,481,727
Confectionery and ice cream . . .	10	445,431	101,619	1,615.21	67	769,551
Confectionery . . .	4	24,560	9,520	1,586.67	6	50,416
Ice cream . . .	6	420,871	91,999	1,508.18	61	719,135
Cotton goods . . .	6	7,421,284	4,170,610	1,006.66	4,143	14,581,737
Foundry and machine-shop prod- ucts, including textile machinery . .	22	1,214,890	1,114,607	1,311.30	850	3,747,891
Marble and stone work . . .	3	23,706	15,598	1,949.75	8	70,485
Mattresses and spring beds . . .	4	55,734	14,218	1,292.55	11	89,712
Printing and publishing . . .	13	171,473	198,937	1,685.91	118	637,589
Sausage, not made in slaughtering and meat-packing establishments . . .	7	74,988	15,932	1,225.54	13	112,749
Woolen and worsted goods . . .	11	54,715,551	25,021,407	1,100.81	22,730	106,784,289
Other industries . . .	67	10,491,732	5,960,760	1,139.94	5,229	21,248,583
LEOMINSTER.	84	13,529,417	4,584,641	995.36	4,606	20,630,904
Combs and hair pins, not made from metal or rubber . . .	17	1,203,854	807,226	985.62	819	2,775,798
Other industries . . .	67	12,325,563	3,777,415	997.47	3,787	17,855,106
LOWELL.	269	42,512,393	24,246,776	986.28	24,584	81,429,458
Boots and shoes, not including rub- ber boots and shoes . . .	5	1,506,785	721,078	966.59	746	3,114,754
Boxes, wooden packing, except cigar boxes . . .	6	554,994	206,814	927.42	223	888,383
Bread and other bakery products . . .	60	994,025	274,718	1,243.07	221	1,596,553
Clothing, women's . . .	5	365,053	156,623	678.02	231	1,663,189
Confectionery and ice cream . . .	16	252,649	59,412	1,164.94	51	410,960
Confectionery . . .	5	43,619	12,371	1,124.64	11	79,088
Ice cream . . .	11	209,030	47,041	1,176.03	40	331,872
Copper, tin, and sheet-iron products . .	7	71,256	67,547	1,501.04	45	236,280
Cotton goods . . .	8	13,174,154	9,379,919	881.65	10,639	26,936,484
Cotton and small wares . . .	3	91,712	34,216	712.83	48	165,761
Dyeing and finishing textiles, exclu- sive of that done in textile mills . .	7	2,957,232	1,110,455	1,019.70	1,089	5,511,239
Electrical machinery, apparatus, and supplies . . .	4	405,921	334,563	945.09	354	1,034,546
Foundry and machine-shop products . .	13	736,194	542,930	1,214.61	447	1,669,059
Knit goods . . .	5	4,440,941	2,767,763	841.52	3,289	7,296,178
Lumber, planing-mill products . . .	6	230,863	104,190	1,353.12	77	418,547
Marble and stone work . . .	4	7,074	10,658	1,332.25	8	30,695
Mattresses and spring beds . . .	3	53,882	21,455	1,072.75	20	103,346
Mineral and soda waters . . .	4	67,577	14,046	1,276.91	11	109,449
Patent medicines and compounds and druggists' preparations . . .	6	554,813	161,644	1,049.64	154	1,283,270
Printing and publishing . . .	20	692,322	471,151	1,653.16	285	1,941,178
Textile machinery and parts . . .	11	3,729,585	3,120,659	1,253.78	2,489	8,443,370
Tobacco manufactures . . .	4	12,901	9,011	750.92	12	35,038
Woolen and worsted goods . . .	13	4,193,836	2,068,279	1,067.22	1,938	8,125,499
Other industries . . .	59	7,418,624	2,609,645	1,182.44	2,207	11,435,680
LYNN.	402	45,500,820	26,840,185	1,243.35	21,587	95,031,943
Blackening, stains, and dressings . . .	9	307,088	83,274	1,771.79	47	692,279
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories . . .	77	10,229,886	1,309,498	1,173.39	1,116	12,614,656

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners	Value of Product
LYNN — Concluded.						
Boots and shoes, not including rubber boots and shoes	121	\$18,995,309	\$12,424,242	\$1,307.81	\$9,500	\$40,701,959
Boxes, paper and wooden	5	822,738	427,229	1,062.76	402	1,791,249
Bread and other bakery products	32	715,320	231,902	1,422.71	163	1,343,455
Clothing, women's	3	49,415	33,299	616.65	54	115,110
Confectionery and ice cream	8	341,707	71,457	1,299.22	55	587,017
Cutlery and tools, not elsewhere specified	7	29,075	77,383	1,646.45	47	171,668
Foundry and machine-shop products	18	328,576	370,156	1,307.97	283	1,219,194
Lasts	9	421,799	442,166	1,493.80	296	1,473,696
Leather, tanned, curried, and finished	10	5,107,429	1,154,675	1,207.82	956	7,841,161
Lumber, planing-mill products	5	50,935	29,348	1,630.44	18	124,320
Marble and stone work	3	26,876	17,804	1,978.22	9	55,404
Mattresses and spring beds	3	10,404	5,081	1,016.20	5	27,302
Mineral and soda waters	4	78,974	22,121	1,228.94	18	142,305
Models and patterns, not including paper patterns	10	58,851	87,765	1,907.93	46	281,185
Mucilage and paste, and other adhesives, not elsewhere specified	4	260,106	39,017	1,500.65	26	489,175
Printing and publishing	19	324,356	291,866	1,560.78	187	1,141,160
Other industries	55	7,341,976	9,721,902	1,163.05	8,359	24,219,648
MALDEN.	80	9,015,073	4,066,075	1,063.58	3,823	21,033,707
All industries	80	9,015,073	4,066,075	1,063.58	3,823	21,033,707
MARLBOROUGH.	36	7,114,013	3,374,742	1,182.46	2,854	12,467,963
All industries	36	7,114,013	3,374,742	1,182.46	2,854	12,467,963
MEDFORD.	43	2,630,799	1,105,743	1,092.63	1,012	4,751,404
All industries	43	2,630,799	1,105,743	1,092.63	1,012	4,751,404
MELROSE.	24	1,946,375	858,066	876.47	979	4,342,530
All industries	24	1,946,375	858,066	876.47	979	4,342,530
NEW BEDFORD.	220	51,305,768	31,559,229	938.01	33,645	111,803,227
Bread and other bakery products	45	1,180,398	414,003	1,293.76	320	2,125,724
Confectionery and ice cream	10	312,303	46,525	1,661.61	28	499,220
Cotton goods	30	40,713,204	26,419,733	926.85	28,505	89,774,701
Foundry and machine-shop products	10	147,481	300,752	1,511.32	199	612,567
Lumber, planing-mill products	7	321,659	113,931	1,199.27	95	479,047
Marble and stone work	5	22,705	22,915	1,432.19	16	64,227
Mineral and soda waters	6	96,805	42,147	1,317.09	32	190,341
Oil, not elsewhere specified	3	882,406	67,000	1,264.15	53	1,108,075
Printing and publishing	20	386,870	279,370	1,389.90	201	1,240,888
Sausage, not made in slaughtering and meat-packing establishments	6	310,770	35,754	1,232.90	29	430,017
Textile machinery and parts	12	272,936	182,070	1,017.15	179	602,340
Other industries	66	6,658,231	3,635,029	911.49	3,988	14,076,010
NEWBURYPORT.	52	5,862,483	2,940,289	1,078.21	2,727	12,598,833
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	5	408,706	155,053	901.47	172	747,900
Boots and shoes, not including rubber boots and shoes	12	3,158,122	1,753,142	1,110.99	1,578	7,036,963
Boxes, paper and other, not elsewhere specified	3	22,796	22,011	846.58	26	69,743
Bread and other bakery products	7	55,563	20,631	1,216.53	17	110,844
Other industries	25	2,217,296	989,402	1,059.32	934	4,633,383
NEWTON.	54	6,297,411	3,358,224	1,224.29	2,743	13,781,540
All industries	54	6,297,411	3,358,224	1,224.29	2,743	13,781,540
NORTH ADAMS.	50	15,317,751	5,268,664	1,049.95	5,018	27,685,016
Boots and shoes, not including rubber boots and shoes	4	1,490,555	531,084	845.68	628	2,702,060
Bread and other bakery products	8	530,916	175,956	1,035.04	170	1,035,223
Foundry and machine-shop products, including textile machinery	6	293,696	237,990	1,314.31	181	807,024
Printing and publishing	6	69,587	92,034	1,314.77	70	272,672
Other industries	26	12,932,997	4,231,600	1,066.16	3,969	22,868,037

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners	Value of Product
NORTHAMPTON.	44	\$7,430,278	\$3,778,096	\$1,105.68	3,417	\$15,105,884
All industries	44	7,430,278	3,778,096	1,105.68	3,417	15,105,884
PEABODY.	75	12,296,223	6,789,135	1,240.02	5,475	25,299,816
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	5	100,788	41,601	784.92	53	128,521
Bread and other bakery products	8	135,235	64,812	1,408.96	46	230,445
Leather, tanned, curried, and finished	39	8,926,046	5,092,273	1,293.44	3,937	18,730,436
Other industries	23	3,133,154	1,590,449	1,105.25	1,439	6,210,414
PITTSFIELD.	73	18,932,750	8,721,979	1,144.62	7,620	42,126,630
Bread and other bakery products	16	291,021	95,280	1,287.57	74	529,707
Foundry and machine-shop products	4	546,659	405,707	1,438.68	282	1,169,240
Printing and publishing	6	142,942	126,129	1,501.54	84	509,577
Woolen and worsted goods	6	2,727,142	1,882,257	1,096.25	1,717	6,173,739
Other industries	41	15,224,986	6,212,606	1,137.22	5,463	33,744,367
QUINCY.	149	12,475,568	8,958,889	1,207.23	7,421	28,204,411
Bread and other bakery products	10	135,975	39,309	1,455.89	27	238,196
Foundry and machine-shop products	7	967,470	573,745	1,068.43	537	2,272,167
Marble and stone work	87	876,632	860,758	1,545.35	557	2,558,916
Mineral and soda waters	3	37,068	5,411	1,803.67	3	67,553
Printing and publishing	8	42,114	34,105	1,263.15	27	154,370
Tools, not elsewhere specified	5	45,559	44,331	1,266.60	35	158,708
Other industries	29	10,370,720	7,401,230	1,187.05	6,235	22,754,501
REVERE.	22	403,149	154,990	1,068.90	145	942,869
All industries	22	403,149	154,990	1,068.90	145	942,869
SALEM.	121	10,737,432	5,032,152	1,126.52	4,467	22,605,261
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	7	333,032	149,916	992.82	151	621,111
Boots and shoes, not including rubber boots and shoes	16	1,780,236	1,220,314	1,140.48	1,070	3,713,444
Bread and other bakery products	13	404,315	140,222	1,298.35	108	816,912
Foundry and machine-shop products	13	190,379	167,776	1,458.92	115	564,777
Leather, tanned, curried, and finished	27	2,479,870	1,186,182	1,220.35	972	4,977,176
Lumber, planing-mill products	4	154,802	28,476	647.18	44	217,988
Marble and stone work	3	23,450	16,666	1,515.09	11	58,100
Printing and publishing	10	194,195	136,168	1,361.68	100	648,559
Steam fittings and steam and hot-water heating apparatus	3	87,339	66,112	1,202.04	55	248,332
Other industries	25	5,039,814	1,920,320	1,043.09	1,841	10,738,862
SOMERVILLE.	130	34,717,572	5,785,455	1,206.81	4,794	45,378,436
Boxes, paper and other, not elsewhere specified	3	35,621	35,034	673.73	52	106,117
Bread and other bakery products	29	872,926	367,457	1,493.73	246	1,626,305
Confectionery and ice cream	9	411,341	112,612	1,251.24	90	739,183
Confectionery	6	177,065	27,202	777.20	35	292,681
Ice cream	3	234,276	85,410	1,552.91	55	446,502
Foundry and machine-shop products	4	56,150	65,045	1,300.90	50	181,542
Grease and tallow, not including lubricating greases	3	280,633	80,716	1,090.76	74	417,490
Lumber, planing-mill products	3	58,372	55,111	1,670.03	33	167,417
Mineral and soda waters	3	30,247	16,864	1,533.09	11	66,035
Printing and publishing	8	45,256	48,594	1,278.79	38	143,870
Slaughtering and meat packing	4	27,903,602	2,797,687	1,296.43	2,158	33,379,126
Other industries	64	5,023,394	2,206,335	1,080.48	2,042	8,551,351
SPRINGFIELD.	321	33,183,591	15,778,713	1,201.09	13,137	74,488,113
Awnings, tents, and sails	3	23,465	18,850	1,047.22	18	81,444
Bookbinding and blank-book making	4	47,323	117,727	898.68	131	237,710
Boxes, paper and other, not elsewhere specified	4	31,789	30,104	654.43	46	76,711
Bread and other bakery products	48	2,015,723	583,768	1,263.57	462	3,688,644
Clothing, women's	3	81,997	44,920	761.36	59	167,623
Confectionery and ice cream	11	1,697,505	380,474	878.69	433	2,793,787
Confectionery	6	1,312,727	329,009	824.58	399	2,118,721
Ice cream	5	384,778	51,465	1,513.68	34	675,066

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Continued.

CITIES AND INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
SPRINGFIELD — Concluded.						
Copper, tin, and sheet-iron products, including stamped ware	9	\$104,590	\$103,851	\$1,366.46	76	\$281,190
Electrical machinery, apparatus, and supplies	11	2,095,903	787,396	1,431.63	550	3,258,287
Foundry and machine-shop products	20	2,123,307	1,780,393	1,483.66	1,200	6,553,473
Leather goods, not elsewhere speci- fied	4	150,798	44,282	885.64	50	301,460
Mattresses and spring beds	5	167,876	64,251	1,107.78	58	318,487
Mineral and soda waters	5	149,095	37,068	1,482.72	25	288,335
Models and patterns, not including paper patterns	6	11,945	41,577	1,732.38	24	77,903
Motor vehicles, including bodies and parts	7	1,374,021	927,179	1,535.06	604	3,236,354
Paper goods, not elsewhere specified	5	507,513	76,821	1,347.74	57	756,084
Photo-engraving, not done in print- ing establishments	4	12,642	53,758	2,067.62	26	138,133
Printing and publishing	39	1,797,308	966,537	1,446.91	668	5,505,643
Saws	3	72,574	48,347	1,272.29	38	242,310
Stationery goods, not elsewhere specified	4	1,237,416	375,234	935.75	401	1,872,398
Tobacco manufactures	9	582,905	425,495	1,359.41	313	1,198,457
Tools, not elsewhere specified, and forgings	8	930,245	655,214	1,482.38	442	2,419,316
Other industries	109	17,967,651	8,215,467	1,101.86	7,456	40,994,364
TAUNTON.						
Bread and other bakery products	121	15,296,004	7,719,165	1,078.25	7,159	30,501,224
Brick, tile, and terra-cotta and fire- clay products	15	244,181	88,773	1,585.23	56	455,305
Clothing, women's	4	90,319	199,913	1,052.17	190	451,621
Clothing, women's	3	229,579	76,679	790.50	97	380,292
Confectionery and ice cream	4	139,404	24,721	1,545.06	16	224,362
Cotton goods	13	7,359,154	2,683,723	954.04	2,813	11,680,483
Foundry and machine-shop prod- ucts, including textile machinery	11	637,525	619,357	1,233.78	502	1,640,626
Printing and publishing	10	96,209	75,722	1,201.94	63	305,824
Stoves and hot-air furnaces	6	858,586	1,109,674	1,358.23	817	3,300,309
Other industries	55	5,641,047	2,840,603	1,090.44	2,605	12,062,402
WALTHAM.						
Bread and other bakery products	81	4,948,340	6,638,869	1,091.20	6,084	15,024,472
Confectionery and ice cream	10	430,143	163,705	1,637.05	100	815,429
Confectionery and ice cream	3	20,532	5,518	788.29	7	42,999
Foundry and machine-shop products	5	243,504	191,663	1,047.34	183	699,143
Knit goods	3	197,645	77,693	800.96	97	378,791
Machine tools	4	28,175	152,382	1,302.41	117	247,050
Tobacco manufactures	3	13,843	8,304	1,186.29	7	31,762
Watch and clock materials, except watch cases	4	87,091	98,678	977.01	101	223,084
Other industries	49	3,927,407	5,940,926	1,085.70	5,472	12,586,214
WESTFIELD.						
Bread and other bakery products	61	3,360,615	2,526,766	1,063.90	2,375	9,029,007
Bread and other bakery products	6	56,649	19,246	1,283.07	15	92,192
Printing and publishing	4	18,680	18,841	991.63	19	57,799
Tobacco manufactures	9	463,237	186,666	765.02	244	759,537
Whips	7	378,327	195,784	812.38	241	889,437
Other industries	35	2,443,722	2,106,229	1,134.82	1,856	7,230,042
WOBURN.						
Bread and other bakery products	49	3,776,562	1,543,105	1,173.46	1,515	7,202,456
Bread and other bakery products	3	35,712	9,689	1,211.13	8	61,955
Foundry and machine-shop products	5	143,304	134,420	1,371.63	98	366,411
Leather, tanned, curried, and fin- ished	16	1,639,331	734,516	1,238.64	593	2,909,245
Other industries	25	1,958,215	664,480	1,078.70	616	3,864,845
WORCESTER.						
Boots and shoes, not including rub- ber boots and shoes	505	72,129,152	31,686,241	1,476.92	26,923	140,685,961
Boots and shoes	12	2,915,312	1,041,585	974.35	1,069	5,097,009
Boxes, wooden packing, except cigar boxes	3	294,698	139,508	1,003.65	139	507,147
Bread and other bakery products	42	1,581,551	413,571	1,338.42	309	2,776,317
Brushes	3	72,272	39,096	1,002.46	39	148,472
Carriages and wagons, and materials	3	96,828	64,471	1,499.33	43	231,819
Clothing, men's	12	584,044	229,320	1,176.00	195	1,011,400
Clothing, women's	19	1,128,289	399,491	889.73	449	1,954,303
Confectionery and ice cream	11	492,642	84,013	1,448.50	58	841,812

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS — 1921 — Continued.

B. THE 38 CITIES: BY INDUSTRIES — Concluded.

CITIES AND INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners	Value of Product
WORCESTER — Concluded.						
Copper, tin, and sheet-iron products, including stamped ware	12	\$491,867	\$328,563	\$1,258.86	261	\$1,046,922
Corsets	7	2,096,692	962,772	687.69	1,400	5,249,585
Cotton small wares	4	54,860	23,587	736.23	30	91,154
Cutlery and tools, not elsewhere specified	20	944,314	661,122	1,226.57	539	2,114,830
Dyeing and finishing textiles, exclusive of that done in textile mills	6	1,213,677	222,147	899.38	247	1,671,379
Electrical machinery, apparatus, and supplies	9	1,212,555	448,145	1,237.97	362	2,323,223
Electroplating	7	24,772	67,873	1,475.50	46	125,718
Food preparations, not elsewhere specified	4	44,549	3,813	953.25	4	50,661
Foundry and machine-shop products	45	4,178,425	3,001,826	1,352.17	2,220	11,625,766
Furniture	4	127,382	67,229	1,769.18	38	299,359
Jewelry	3	59,284	50,008	1,250.20	40	140,896
Lumber, planing-mill products	6	369,426	260,582	1,638.88	159	781,796
Machine tools	12	690,551	846,730	1,372.33	617	2,406,106
Marble and stone work	6	30,686	24,565	1,839.62	13	95,501
Mineral and soda waters	6	40,510	10,411	1,041.10	10	74,419
Models and patterns, not including paper patterns	7	24,776	59,848	1,813.58	33	140,383
Musical instruments, piano and organ materials	4	459,526	446,641	1,302.16	343	1,102,097
Printing and publishing	32	1,268,830	692,830	1,585.42	437	3,597,403
Sausage, not made in slaughtering and meat-packing establishments	4	322,146	44,311	1,641.15	27	517,495
Structural ironwork, not made in steel works or rolling mills	6	369,655	123,268	1,162.91	106	801,216
Textile machinery and parts	21	3,354,699	3,592,173	1,461.42	2,458	12,339,984
Tobacco manufactures	4	120,637	65,175	1,386.70	47	253,914
Wirework, not elsewhere specified	5	487,592	446,845	1,008.68	443	1,489,068
Wood, turned and carved	3	20,903	21,350	928.26	23	59,264
Wooden goods, not elsewhere specified	4	64,174	19,587	1,030.89	19	115,156
Woolen and worsted goods	14	4,308,849	1,658,726	1,053.83	1,574	7,254,043
Other industries	145	42,082,179	15,125,059	1,152.30	13,126	72,300,344
TOTAL FOR THE 38 CITIES	7,913	\$1,103,457,555	\$485,813,130	\$1,119.35	434,012	\$2,167,282,102

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners Employed	Value of Product
METROPOLITAN BOSTON. ¹	4,508	\$519,832,014	\$202,173,388	\$1,201.18	168,313	\$1,025,586,110
Artificial stone products	8	215,258	288,002	1,608.95	179	776,329
Awnings, tents, and sails	24	461,412	204,168	1,153.49	177	1,002,081
Billiard tables, bowling alleys, and accessories	5	76,676	43,332	1,397.81	31	199,869
Blacking, stains, and dressings	34	1,803,523	481,537	1,037.80	464	3,783,868
Bookbinding and blank-book making	55	957,749	1,510,429	1,159.19	1,303	4,173,738
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	140	26,861,076	2,783,247	1,153.44	2,413	33,901,345
Boots and shoes, not including rubber boots and shoes	181	46,722,325	26,973,619	1,207.20	22,344	95,416,359
Boots and shoes, rubber	5	10,516,469	7,995,512	957.89	8,347	33,627,151
Boxes, paper and other, not elsewhere specified	55	3,282,009	2,055,378	845.49	2,431	7,509,029
Boxes, wooden packing, except cigar boxes	6	1,538,400	632,307	1,158.07	546	2,887,121
Bread and other bakery products	478	19,702,054	6,927,858	1,259.38	5,501	39,168,221
Brick, tile, and terra-cotta and fire-clay products	6	166,061	184,943	1,027.46	180	742,234
Canning and preserving	33	3,710,036	597,634	1,129.74	529	5,783,600
Carriages and wagons, and materials	11	328,504	344,387	1,405.66	245	853,763
Chemicals	19	3,957,523	1,286,730	1,277.79	1,007	8,719,059
Cleansing and polishing preparations	16	427,853	72,523	1,188.90	61	829,548
Cloth, sponging and refinishing	5	15,145	90,944	1,624.00	56	181,962
Clothing, men's	158	11,417,754	5,146,454	1,268.54	4,057	23,211,277
Clothing, women's	197	10,399,757	4,102,469	1,053.54	3,894	18,682,428
Coffee and spice, roasting and grinding	14	8,282,875	553,089	1,127.45	495	12,942,906
Confectionery and ice cream	145	25,451,274	6,638,998	839.64	7,907	44,010,928
Confectionery	97	22,150,416	5,928,527	794.92	7,458	38,514,510
Ice cream	48	3,300,858	710,471	1,582.34	449	5,496,418
Copper, tin, and sheet-iron products, including stamped ware and tin ware	71	3,812,849	2,024,246	1,280.36	1,581	8,495,056
Cotton goods	10	2,378,920	1,619,658	1,054.84	1,534	5,635,867
Cutlery and tools, not elsewhere specified	44	2,118,680	1,920,736	1,013.05	1,896	14,055,137
Dyeing and finishing textiles, exclusive of that done in textile mills	15	2,698,782	999,736	950.32	1,052	4,801,537
Dyestuffs and extracts, natural	20	953,398	153,778	1,250.23	123	1,649,194
Electrical machinery, apparatus, and supplies	69	11,788,338	13,607,025	1,155.29	11,778	37,545,381
Electroplating	14	58,653	120,588	1,452.87	83	261,974
Engraving and diesinking	15	62,610	137,374	1,461.43	94	333,516
Engraving, steel and copper plate, including plate printing	16	213,504	423,791	1,214.30	349	1,028,478
Fancy articles, not elsewhere specified	15	496,463	286,071	733.52	390	1,375,226
Flavoring extracts and sirups	14	1,663,635	254,138	796.67	319	2,964,667
Food preparations, not elsewhere specified	43	2,809,273	532,154	1,064.31	500	5,591,083
Foundry and machine-shop products	214	15,076,175	9,711,843	1,314.54	7,388	37,944,305
Fur goods	18	780,140	316,257	1,613.56	196	1,390,851
Furnishing goods, men's	12	934,904	170,824	817.34	209	1,531,369
Furniture	88	5,384,646	3,442,540	1,255.03	2,743	13,173,268
Gas, illuminating and heating	11	7,376,333	1,729,310	1,725.86	1,002	18,412,066
Glass cutting, staining, and ornamenting	16	179,204	169,645	1,335.79	127	529,918
Hand stamps and stencils and brands	16	84,629	92,990	1,452.97	64	323,652
Hardware	13	101,163	109,547	1,095.47	100	311,916
Hats and caps, other than felt, straw, and wool	25	855,952	383,081	1,445.59	265	1,613,080
House-furnishing goods, not elsewhere specified	40	4,930,097	770,350	863.62	892	6,981,435
Instruments, professional and scientific	17	380,376	523,798	1,190.45	440	1,358,899
Iron and steel, processed or welded	10	36,355	55,354	1,785.61	31	140,525
Jewelry	29	733,831	509,634	1,512.27	337	1,832,241
Knit goods	44	6,546,448	2,470,068	845.33	2,922	12,519,775
Lasts	14	611,769	618,409	1,542.17	401	1,975,322

¹ For a list of municipalities included under "Metropolitan Boston," see Table I D on page 33.

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS — 1921 — Continued.

C. METROPOLITAN BOSTON: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners Employed	Value of Product
Metropolitan Boston—Concluded.						
Leather goods, not elsewhere specified	25	\$645,032	\$224,400	\$890.48	252	\$1,291,769
Leather, tanned, curried, and finished	31	9,057,067	2,700,288	1,236.96	2,183	15,413,416
Liquors, malt	7	589,459	365,747	1,725.22	212	1,408,781
Lithographing	10	1,949,412	1,535,278	1,665.21	952	4,744,538
Lumber, planing-mill products	66	2,347,240	1,470,410	1,482.27	992	5,098,977
Machine tools	8	172,381	269,415	1,258.95	214	638,472
Marble and stone work	120	1,854,477	1,655,714	1,592.03	1,040	5,180,243
Mattresses and spring beds	32	1,771,464	526,743	1,343.73	392	3,059,945
Millinery and lace goods, not elsewhere specified	53	1,706,759	807,585	946.76	853	3,400,746
Mineral and soda waters	52	1,367,796	328,744	1,325.58	248	3,341,169
Mirror and picture frames	18	178,917	143,924	1,189.45	121	462,688
Mirrors, framed and unframed	5	226,516	100,117	1,283.55	78	472,073
Models and patterns, not including paper patterns	32	150,683	278,008	1,645.02	169	804,783
Motor vehicles, including bodies and parts	48	14,251,013	1,597,518	1,423.81	1,122	21,706,588
Mucilage, paste, and other adhesives, not elsewhere specified	12	737,417	97,594	1,435.21	68	1,423,738
Musical instruments and materials, not elsewhere specified	11	160,433	271,994	1,225.20	222	742,802
Musical instruments, pianos and organs, and materials	20	3,206,916	2,164,049	1,145.00	1,890	7,350,096
Paints and varnishes	21	3,938,480	527,247	1,264.38	417	7,555,916
Paper goods, not elsewhere specified	16	743,669	213,051	832.23	256	1,186,621
Patent medicines and compounds, and druggists' preparations	60	4,950,603	1,332,668	960.14	1,388	12,406,971
Photo-engraving, not done in printing establishments	19	249,925	837,430	1,785.57	469	2,019,796
Plumbers' supplies, not elsewhere specified	7	183,022	189,885	1,225.06	155	631,723
Pottery	4	90,493	158,691	1,141.66	139	361,585
Printing and publishing	517	27,556,066	13,462,274	1,619.42	8,313	78,909,745
Refrigerators	9	359,247	153,656	1,600.58	96	702,736
Rubber goods, including rubber tires and inner tubes	27	14,937,733	4,171,554	1,055.02	3,954	28,999,996
Sausage, not made in slaughtering and meat-packing establishments	22	1,919,566	299,980	1,234.49	243	2,722,447
Screws, machine	12	151,469	155,715	1,112.25	140	421,502
Show cases	6	143,713	73,678	1,503.63	49	312,272
Signs and advertising novelties	17	363,354	398,549	1,277.40	312	1,086,780
Silk goods, including products of throwsters	7	1,122,890	717,343	916.48	766	2,291,046
Silverware and plated ware	6	123,532	163,867	1,354.27	121	414,002
Slaughtering and meat packing	15	31,641,989	3,021,103	1,303.32	2,318	37,880,762
Soap	18	6,585,841	926,478	1,124.37	824	17,410,351
Springs, steel, vehicle, heavy machine, etc., not made in steel works or rolling mills	6	109,689	82,960	2,023.41	41	299,057
Stationery goods, not elsewhere specified	8	1,790,276	601,808	903.62	666	3,186,194
Statuary and art goods	6	33,369	59,822	1,329.38	45	192,687
Steam fittings and steam and hot-water heating apparatus	11	1,835,644	1,710,571	1,086.77	1,574	4,683,916
Steam packing	6	81,064	41,417	1,119.38	37	189,286
Stereotyping and electrotyping	4	64,706	146,018	1,431.55	102	352,877
Structural ironwork, not made in steel works or rolling mills	40	1,859,703	1,090,627	1,544.80	706	4,372,571
Surgical appliances	9	321,737	159,802	1,102.08	145	690,691
Suspenders, garters, and elastic webbing	11	2,110,597	734,624	952.82	771	3,687,828
Tobacco manufactures	47	3,993,420	2,461,220	1,414.49	1,740	8,156,383
Toys and games	8	96,008	95,473	984.26	97	337,687
Trunks and valises	20	780,613	363,748	1,212.49	300	1,500,603
Umbrellas and canes	6	344,402	56,955	850.07	67	550,381
Window and door screens and weather strips	10	135,000	93,484	1,198.51	78	306,574
Window shades and fixtures	6	130,348	23,232	968.00	24	233,620
Wirework, not elsewhere specified	7	61,402	87,086	879.66	99	207,692
Wood, turned and carved	5	18,530	20,133	1,258.31	16	58,813
Wooden goods, not elsewhere specified	6	346,451	117,243	1,412.57	83	675,340
Woolen and worsted goods	7	4,616,852	1,342,635	1,094.24	1,227	6,918,012
Other industries	444	116,306,719	39,422,328	1,290.67	30,544	194,952,269

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

D. METROPOLITAN BOSTON: BY MUNICIPALITIES.

[Arranged in the order of Product Value.]

CITIES AND TOWNS.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners Em- ployed	Value of Product
Metropolitan Boston.	4,508	\$519,832,014	\$202,173,388	\$1,201.18	168,313	\$1,025,586,110
BOSTON	2,663	256,240,094	90,571,095	1,254.97	72,691	489,164,939
CAMBRIDGE	311	58,384,040	20,720,735	1,135.69	18,245	122,776,695
LYNN	402	45,500,820	26,840,185	1,243.35	21,587	95,031,943
EVERETT	114	22,491,144	5,844,165	1,311.82	4,455	46,082,534
SOMERVILLE	130	34,717,572	5,785,455	1,206.81	4,794	45,378,436
Watertown	21	13,761,633	6,421,632	1,009.69	6,360	36,660,471
QUINCY	149	12,475,568	8,958,889	1,207.23	7,421	28,204,411
CHELSEA	107	14,067,786	6,854,532	1,234.83	5,551	28,202,021
MALDEN	80	9,015,073	4,066,075	1,063.58	3,823	21,033,707
Weymouth	24	8,933,905	2,313,945	1,175.19	1,969	18,384,504
WALTHAM	81	4,948,340	6,638,869	1,091.20	6,084	15,024,472
NEWTON	54	6,297,411	3,358,224	1,224.29	2,743	13,781,540
Braintree	15	5,547,286	2,830,145	1,199.21	2,360	11,558,701
Wakefield	22	3,603,372	1,713,455	961.00	1,783	7,211,962
WOBURN	49	3,776,562	1,543,105	1,173.46	1,315	7,202,456
Winchester	13	3,100,884	1,110,842	1,268.08	876	6,442,336
MEDFORD	43	2,630,799	1,105,743	1,092.63	1,012	4,751,404
MELROSE	24	1,946,375	855,066	876.47	979	4,342,530
Reading	14	2,878,131	507,589	1,194.33	425	4,161,741
Canton	22	2,404,605	738,545	1,041.67	709	3,829,363
Needham	21	1,588,337	652,317	930.55	701	3,370,146
Stoneham	20	1,692,004	671,045	1,000.07	671	2,924,101
Wellesley	7	469,830	63,166	1,191.81	53	2,137,120
Dedham	14	632,634	455,213	1,029.89	442	1,582,976
Brookline	22	501,705	303,635	1,337.60	227	1,205,183
Arlington	19	493,396	286,144	1,423.60	201	1,182,237
REVERE	22	403,149	154,990	1,068.90	145	942,869
Hingham	5	274,991	246,734	1,278.41	193	639,625
Saugus	8	236,650	82,685	972.76	85	413,019
Belmont	6	120,067	86,015	1,061.91	81	316,508
Winthrop	7	119,732	43,464	1,143.79	38	265,357
Milton	5	131,917	58,756	1,068.29	55	261,729
Other towns ¹	14	446,202	287,933	1,204.74	239	1,119,074

¹ Includes Cohasset, Dover, Hull, Lexington, Nahant, Swampscott, Weston, and Westwood.

TABLE I. PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

E. SPECIFIED TOWNS AND INDUSTRIES.

TOWNS AND INDUSTRIES. ¹	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
Abington	14	\$2,614,147	\$1,102,546	\$1,214.25	908	\$5,099,441
Boots and shoes, not including rubber boots and shoes	4	2,040,364	923,944	1,243.53	743	4,059,694
Other industries	10	573,783	178,602	1,082.44	165	1,039,747
Acton	9	284,326	229,199	1,169.38	196	642,960
Adams	23	7,113,673	4,256,899	1,031.45	4,127	13,393,056
Amesbury	57	4,324,241	2,524,745	1,290.77	1,956	9,049,911
Motor vehicles, including bodies and parts	10	2,100,796	1,276,697	1,390.74	918	4,404,682
Other industries	27	2,223,445	1,248,048	1,202.36	1,038	4,645,229
Amherst	14	956,919	328,451	952.03	345	1,623,127
Andover	14	1,843,747	1,009,743	922.98	1,094	3,949,559
Arlington	19	493,396	286,144	1,423.60	201	1,182,237
Ashburnham	6	245,808	176,739	853.81	207	469,262
Ashland	7	689,436	181,386	1,099.31	165	1,113,674
Athol	34	3,614,211	2,112,106	919.51	2,297	8,113,924
Auburn	4	304,563	170,754	884.74	193	595,647
Ayer	11	163,840	115,422	1,099.26	105	482,137
Barnstable	6	84,329	41,002	911.16	45	163,307
Barre	8	1,024,924	644,776	971.03	664	2,111,710
Becket	6	134,478	130,822	1,377.07	95	275,029
Belmont	6	120,067	86,015	1,061.91	81	316,508
Billerica	7	5,226,987	3,013,091	1,316.91	2,288	9,742,719
Braintree	15	5,547,286	2,830,145	1,199.21	2,360	11,558,701
Bridgewater	21	3,199,174	1,294,185	1,093.99	1,183	5,474,296
Brookline	22	501,705	303,635	1,337.60	227	1,205,183
Canton	22	2,404,605	738,545	1,041.67	709	3,829,363
Carver	4	26,069	11,040	920.00	12	45,839
Chester	5	159,634	177,403	1,314.10	135	488,013
Clinton	28	5,336,730	5,010,505	1,157.70	4,328	14,547,361
Concord	11	914,223	305,074	1,220.30	250	1,479,080
Dalton	7	1,629,257	757,971	1,066.05	711	3,000,146
Danvers	18	2,698,152	926,175	1,074.45	862	5,692,268
Boots and shoes, not including rubber boots and shoes	4	379,847	177,966	823.92	216	856,692
Other industries	14	2,318,305	748,209	1,158.22	646	4,835,576
Dedham	14	632,434	455,213	1,029.89	442	1,582,976
Deerfield	8	265,282	76,352	954.40	80	430,452
Dudley	7	2,747,964	1,330,373	1,083.37	1,228	4,790,472
Woolen and worsted goods	4	1,609,572	884,580	1,249.41	708	2,912,593
Other industries	3	1,138,392	445,793	857.29	520	1,877,879
Easthampton	14	15,504,811	3,575,574	988.00	3,619	21,876,343
Easton	7	1,077,650	572,290	1,133.25	505	2,099,308
Erving	4	1,020,358	626,733	1,200.64	522	2,158,315
Essex	3	106,771	46,282	984.72	47	185,339
Falmouth	3	21,589	11,935	1,085.00	11	43,568
Foxborough	11	592,507	362,168	981.49	369	1,620,475
Framingham	46	9,392,076	4,990,418	1,150.13	4,339	17,611,196
Bread and other bakery products	5	61,034	15,403	1,400.27	11	98,650
Foundry and machine-shop prod- ucts	5	497,934	387,334	1,156.22	335	1,154,753
Printing and publishing	4	41,272	34,429	1,564.96	22	141,822
Other industries	32	8,791,836	4,553,252	1,146.63	3,971	16,215,971
Franklin	20	2,571,217	1,134,703	1,244.19	912	5,180,551
Bread and other bakery products	3	32,948	6,396	1,066.00	6	53,834
Textile machinery and parts	3	17,669	15,987	1,141.93	14	56,343
Woolen and worsted goods	5	1,502,768	669,130	1,309.45	511	2,720,826
Other industries	9	1,017,832	443,190	1,163.23	381	2,349,548
Gardner	65	6,011,206	3,680,512	981.78	3,749	12,835,569
Bread and other bakery products	4	53,577	17,506	1,618.73	11	91,293
Carriages and sleds, children's	9	733,775	420,547	1,098.03	383	1,580,793
Foundry and machine-shop prod- ucts	6	132,813	168,741	1,240.74	136	389,618
Furniture	23	3,475,083	2,302,318	978.05	2,354	7,164,338
Other industries	23	1,615,958	771,100	891.45	865	3,612,527
Grafton	9	2,520,197	1,516,608	1,039.48	1,459	5,341,036
Great Barrington	14	1,776,160	1,000,080	943.47	1,060	4,072,287
Greenfield	46	1,566,286	1,602,248	1,083.33	1,479	4,992,689
Hanover	6	657,068	470,350	1,045.22	450	1,401,616
Hingham	5	274,991	246,734	1,278.41	193	639,625

¹ For towns and industries other than those specified the data cannot be presented without disclosing the operations of individual establishments.

TABLE I. — PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

E. SPECIFIED TOWNS AND INDUSTRIES — Continued.

TOWNS AND INDUSTRIES.	Number of Establishments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage-Earners	Value of Product
Hudson	35	\$3,393,769	\$2,325,244	\$1,007.47	2,308	\$7,888,187
Boots and shoes, not including rubber boots and shoes	6	2,127,934	960,768	1,033.08	930	3,804,112
Bread and other bakery products	6	50,417	10,538	1,058.80	10	87,470
Other industries	23	1,215,418	1,353,888	989.68	1,368	3,996,605
Huntington	6	652,349	261,801	1,090.84	240	1,069,316
Kingston	9	514,337	241,511	1,155.56	209	895,707
Lee	14	1,760,090	635,495	914.38	695	2,859,451
Leicester	10	1,918,722	941,162	1,004.44	937	4,005,805
Woolen goods	6	1,809,492	844,125	981.54	860	3,661,886
Other industries	4	109,230	97,038	1,260.23	77	343,919
Lynnfield	4	43,678	16,045	891.39	18	91,000
Mansfield	18	1,623,954	528,829	878.45	602	2,808,566
Marblehead	17	551,280	339,899	908.82	374	1,083,008
Boots and shoes, not including rubber boots and shoes	8	468,024	284,621	909.33	313	881,048
Other industries	9	83,256	55,278	906.20	61	201,960
Medway	8	1,022,094	534,320	1,101.69	485	1,795,458
Merrimac	8	362,637	321,134	1,039.27	309	1,143,786
Methuen	25	8,426,937	2,560,498	926.37	2,764	12,995,204
Middleborough	28	4,270,859	1,686,964	962.33	1,753	7,856,040
Milford	34	2,773,459	1,439,020	1,063.58	1,353	5,471,341
Millbury	23	2,560,023	988,755	1,055.23	937	4,536,405
Milton	5	131,917	58,756	1,068.29	55	261,729
Monson	7	1,254,125	719,403	1,201.01	599	2,750,617
Montague	17	2,742,915	1,202,331	1,043.69	1,152	4,899,508
Natick	36	3,013,138	997,930	1,094.22	912	4,674,840
Boots and shoes, not including rubber boots and shoes	8	752,722	326,893	999.67	327	1,362,998
Other industries	28	2,260,406	671,037	1,147.07	585	3,311,842
Needham	31	1,588,337	652,317	930.55	701	3,370,148
Knit goods	11	1,022,723	446,504	877.22	509	2,234,812
Other industries	10	565,614	205,813	1,071.94	192	1,135,334
North Andover	7	2,421,069	1,627,717	1,207.51	1,348	5,295,807
North Attleborough	65	2,426,462	2,066,358	1,113.34	1,856	6,992,302
Jewelry	32	1,354,020	1,051,733	1,061.28	991	3,706,741
Other industries	33	1,072,442	1,014,625	1,172.98	865	3,285,561
North Brookfield	8	1,266,761	565,153	1,076.48	525	2,627,850
Northbridge	10	5,150,969	5,397,167	1,219.97	4,424	14,600,402
Norton	8	316,261	427,015	1,036.44	412	1,133,580
Norwood	19	8,110,310	3,123,941	1,384.11	2,257	14,658,891
Orange	22	1,748,894	746,580	1,004.82	743	3,743,948
Oxford	11	1,401,481	716,210	986.52	726	2,605,930
Palmer	26	4,033,054	2,663,303	962.52	2,767	8,506,462
Cotton goods	3	2,232,271	1,847,887	920.26	2,008	4,450,390
Other industries	23	1,790,783	815,416	1,074.33	759	4,056,072
Plainville	7	430,610	761,437	1,281.88	594	1,923,050
Plymouth	23	13,256,254	3,404,420	1,145.50	2,972	22,453,724
Randolph	12	704,713	356,953	1,136.79	314	1,380,616
Raynham	5	172,517	52,697	941.02	56	271,628
Reading	14	2,878,131	507,589	1,194.33	425	4,161,741
Rockland	16	6,912,434	2,992,217	1,334.02	2,243	12,507,799
Boots and shoes, not including rubber boots and shoes	5	6,145,417	2,747,068	1,349.25	2,036	11,231,777
Other industries	11	767,017	245,149	1,184.29	207	1,276,022
Rockport	4	98,750	218,895	1,250.83	175	566,093
Rowley	4	129,203	83,039	822.17	101	297,756
Saugus	8	236,650	82,685	972.76	85	413,019
South Hadley	12	2,782,885	769,766	1,289.39	597	4,402,756
Southbridge	38	4,382,733	4,395,183	1,033.92	4,251	12,073,446
Spencer	19	2,253,006	851,971	922.05	924	3,864,427
Stoneham	20	1,692,004	671,045	1,000.07	671	2,924,101
Stoughton	29	4,282,324	1,482,851	1,072.97	1,382	7,336,271
Templeton	17	1,260,226	706,767	1,090.69	648	2,680,065
Furniture	6	301,456	206,939	949.26	218	645,233
Other industries	11	958,770	499,828	1,162.39	430	2,034,832
Townsend	7	442,777	133,044	923.92	144	755,949
Uxbridge	12	3,231,143	1,061,489	1,097.71	967	5,180,876
Woolen and worsted goods	7	3,131,486	884,378	1,147.05	771	4,837,995
Other industries	5	149,657	177,111	903.63	196	342,881
Wakefield	22	3,603,372	1,713,455	961.00	1,783	7,211,962
Walpole	13	6,422,465	1,280,754	1,219.77	1,050	10,089,317

TABLE I. — PRINCIPAL DATA RELATIVE TO MANUFACTURES IN MASSACHUSETTS —
1921 — Continued.

E. SPECIFIED TOWNS AND INDUSTRIES — Concluded.

TOWNS AND INDUSTRIES.	Number of Es- tablish- ments	Value of Stock and Materials Used	Amount of Wages Paid during the Year	Average Yearly Earnings	Average Number of Wage- Earners	Value of Product
Ware	15	\$3,502,188	\$1,832,436	\$809.74	2,263	\$5,604,876
Wareham	11	681,016	492,757	953.11	517	1,337,882
Warren	8	1,152,462	888,813	904.18	983	2,535,827
Watertown	21	13,761,633	6,421,632	1,009.69	6,360	36,660,471
Webster	23	9,117,110	3,044,283	1,043.99	2,916	14,796,926
Wellesley	7	469,830	63,166	1,191.81	53	2,137,120
West Springfield	16	7,125,892	3,627,151	1,348.38	2,690	13,951,986
West Stockbridge	5	174,580	115,486	1,022.00	113	546,581
Westborough	20	986,273	424,493	871.65	487	1,835,329
Westminster	5	105,390	37,730	802.77	47	167,827
Weymouth	24	8,933,905	2,313,945	1,175.19	1,969	18,384,504
Boots and shoes, not including rubber boots and shoes	7	4,411,969	1,708,976	1,146.96	1,490	9,198,518
Other industries	17	4,521,936	604,969	1,262.98	479	9,185,986
Whitman	23	4,822,252	2,265,705	1,196.89	1,893	8,335,721
Williamsburg	7	423,531	190,229	853.04	223	746,160
Winchendon	21	2,139,301	1,128,912	903.13	1,250	4,395,868
Winchester	13	3,100,884	1,110,842	1,268.08	876	6,442,336
Winthrop	7	119,732	43,464	1,142.79	38	265,357
All other towns	412	61,874,914	25,772,555	1,017.47	25,330	140,271,256
TOTAL FOR ALL TOWNS	2,081	\$337,577,675	\$155,547,806	\$1,072.31	145,059	\$682,131,414

TABLE II. AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1921.

INDUSTRIES AND SEX.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
THE STATE.													
Aluminum manufactures	579,071	531,656	557,641	573,067	576,863	582,979	584,155	576,826	583,048	594,492	596,678	597,106	594,540
Artificial limbs	96	112	120	121	117	109	88	88	90	61	88	77	81
Artificial stone products	11	11	11	11	11	11	13	13	8	10	12	12	13
Awnings, tents, and sails	233	187	165	171	199	213	237	237	268	287	300	296	257
Baskets, tents, and willow ware	204	198	196	230	292	336	390	390	272	226	240	221	216
Belt and hose, other than leather and rubber	352	360	356	361	372	348	335	306	564	283	299	301	339
Belt and leather	80	107	91	86	82	83	88	80	73	68	67	66	70
Billiard tables, bowling alleys, and accessories	622	646	647	568	610	586	599	593	611	610	645	689	696
Blacking, stans, and dressings	29	30	30	29	29	29	27	27	27	28	30	31	30
Bookbinding and blank-book making	463	433	475	475	469	464	465	469	498	459	451	439	438
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	2,547	2,933	2,895	2,833	2,085	2,062	2,292	2,549	2,577	2,560	2,550	2,539	2,637
Boots and shoes, not including rubber boots and shoes	6,403	4,716	5,527	6,098	6,347	6,619	6,680	6,844	7,177	7,021	6,935	6,511	6,362
Boots and shoes, rubber	64,494	48,678	58,424	64,244	66,839	68,008	66,987	66,443	70,311	70,664	67,898	62,863	62,567
Boxes, cigar	9,347	10,960	9,979	9,308	9,037	8,802	6,130	7,957	9,171	9,416	9,908	10,490	11,006
Boxes, paper and other, not elsewhere specified	118	125	128	125	123	111	108	110	121	114	116	113	118
Boxes, wooden packing, except cigar boxes	4,527	4,098	4,327	4,402	4,099	4,202	4,368	4,282	4,516	4,849	5,154	5,136	4,893
Brass, bronze, copper, and allied products	2,346	2,318	2,412	2,364	2,367	2,392	2,341	2,365	2,275	2,280	2,303	2,438	2,400
Bread and other bakery products	1,539	1,800	1,716	1,609	1,567	1,414	1,357	1,357	1,344	1,357	1,430	1,550	1,617
Brick, tile, and terra-cotta and fire-clay products	8,852	8,426	8,507	8,623	8,639	8,730	9,107	9,266	9,091	9,164	9,023	8,941	8,706
Brooms	546	385	323	333	385	555	772	780	705	671	632	585	489
Brushes	82	80	78	70	83	81	77	85	86	84	87	86	85
Butter	1,458	1,680	1,598	1,556	1,388	1,325	1,329	1,331	1,258	1,361	1,439	1,586	1,644
Buttons	46	48	48	48	48	47	47	47	45	45	46	44	43
Canning and preserving	246	215	226	241	242	242	187	248	267	272	261	267	272
Carpets and rugs, other than rag	1,339	1,536	1,448	1,398	1,263	1,273	1,230	1,237	1,196	1,260	1,365	1,450	1,292
Carpets, rag	3,080	3,573	2,666	2,610	2,566	2,774	2,720	2,561	2,351	3,545	3,734	3,817	4,109
Carriages and sleds, children's	71	54	55	68	68	79	78	79	76	75	75	77	75
Carriages and wagons, and materials	1,123	827	976	1,153	1,359	1,277	1,149	1,133	1,036	1,135	1,193	1,142	1,092
Cars and general shop construction and repairs by electric-railroad companies	373	350	362	384	398	403	388	368	362	359	358	368	378
Cars and general shop construction and repairs by steam-railroad companies	1,617	1,541	1,523	1,539	1,581	1,506	1,550	1,625	1,651	1,702	1,718	1,751	1,717
Chemicals	6,939	7,769	7,795	5,845	5,892	6,409	6,311	6,190	7,194	7,389	7,466	7,523	7,488
Chocolate and cocoa products	1,892	1,601	1,641	1,905	1,863	1,887	1,875	1,797	1,875	2,004	2,129	2,074	2,046
Cleaning and polishing preparations	1,157	1,109	1,022	1,091	1,146	1,142	1,096	991	1,072	1,301	1,407	1,280	1,222
Cloth, sponging and refinishing	94	87	90	92	98	96	96	102	90	96	97	96	94
Clothing, men's	56	61	58	64	68	51	54	52	51	52	52	52	54
Clothing, men's	3,261	3,765	4,393	4,835	5,004	5,067	5,402	5,667	5,778	6,023	6,118	6,065	5,846

TABLE II. AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1921 — Continued.

INDUSTRIES AND SEX.	Average Number Employed	January	February	March	April	May	June	July	August	September	October	November	December
Clothing, women's	5,264	4,407	5,120	5,560	5,861	5,911	5,773	5,265	5,006	5,383	5,194	4,036	4,750
Coffee and spice, roasting and grinding	515	514	516	515	511	508	506	509	510	521	521	524	524
Coffins, burial cases, and undertakers' goods	323	332	344	331	314	306	300	291	302	309	324	351	369
Combs and hairpins, not made from metal or rubber	973	800	911	919	909	932	873	926	949	1,107	1,163	1,132	1,059
Confectionery and ice cream	9,070	7,438	8,290	8,462	7,491	7,699	7,878	7,617	9,108	11,333	12,179	11,453	9,805
Confectionery	8,202	6,802	7,617	7,784	6,695	6,730	6,434	6,434	8,006	10,314	11,378	10,775	9,144
Ice cream	868	636	643	678	706	969	1,137	1,213	1,102	1,010	801	678	661
Cooperage	227	211	167	213	219	210	226	259	215	270	268	239	226
Copper, tin, and sheet-iron products, including stamped ware and tinware	2,044	2,324	1,922	1,954	1,839	1,944	1,947	2,087	1,981	2,038	2,093	2,214	2,213
Cordage and twine and jute goods	5,460	6,181	6,141	6,046	5,259	5,115	5,132	5,023	5,505	5,437	5,283	5,437	5,331
Corsets	1,788	1,748	1,766	1,829	1,865	1,873	1,862	1,836	1,913	1,847	1,708	1,608	1,604
Cotton goods	106,337	91,694	101,596	102,460	102,370	105,449	106,879	107,653	108,860	110,123	112,069	113,722	113,175
Cotton small wares	1,151	978	1,064	1,162	1,208	1,148	1,080	1,039	1,138	1,198	1,250	1,253	1,243
Cutlery and tools, not elsewhere specified	7,534	9,046	8,658	8,848	8,474	8,192	7,613	5,790	6,351	6,817	7,088	7,219	6,915
Dental goods	22	22	22	22	22	22	22	23	23	23	23	23	24
Dyeing and finishing textiles, exclusive of that done in textile mills	13,315	10,821	11,849	12,303	12,794	13,300	13,653	13,811	13,889	14,155	14,429	14,578	14,230
Dyestuffs and extracts	156	132	139	146	160	164	164	168	158	161	163	162	152
Electrical machinery, apparatus, and supplies	17,635	23,901	21,109	20,482	19,146	18,241	17,163	15,831	15,316	14,843	14,995	14,988	15,074
Electroplating	176	177	175	192	191	188	177	174	168	165	165	173	174
Emery and other abrasive wheels	1,219	1,747	1,485	1,445	1,300	1,256	1,158	1,117	1,095	1,075	1,075	926	933
Engraving and die-sinking	165	166	158	163	174	169	163	161	158	163	167	169	169
Engraving, steel and copper plate, including plate printing	430	444	440	437	432	446	438	408	410	425	440	411	431
Envelopes	1,836	2,000	1,916	1,889	1,821	1,754	1,728	1,789	1,739	1,801	1,833	1,855	1,856
Fancy articles, not elsewhere specified	1,931	1,825	1,931	1,898	1,893	1,874	1,871	1,943	1,968	1,980	2,017	1,997	2,009
Felt goods	712	608	654	602	603	677	700	743	769	773	771	808	839
Fertilizers	549	588	549	572	575	594	315	299	290	310	349	361	438
Fertilizers	1,804	2,111	1,986	1,916	1,816	1,806	1,786	1,700	1,730	1,695	1,751	1,712	1,639
Flavoring extracts and sirups	359	375	373	362	391	406	407	399	208	339	345	351	263
Flour-mill and grain-mill products	134	137	132	135	134	134	132	133	132	135	131	135	136
Food preparations, not elsewhere specified	591	631	613	597	603	582	606	614	586	585	559	565	546
Foundry and machine-shop products	20,021	25,118	23,239	22,000	20,381	19,157	18,612	18,612	18,124	18,046	18,166	18,196	18,781
Fur goods	248	209	155	175	212	221	234	248	259	289	309	336	325
Furnishing goods, men's	297	151	273	305	306	308	314	295	288	298	326	351	351
Furniture	6,251	6,131	5,974	6,153	6,259	6,327	6,278	6,205	6,065	6,073	6,301	6,560	6,701
Gas and electric fixtures	50	51	51	54	53	56	51	48	51	49	47	45	43
Gas, illuminating and heating	2,524	2,608	2,574	2,574	2,471	2,467	2,486	2,515	2,523	2,530	2,510	2,538	2,488
Glass, cutting, staining and ornamenting	274	250	267	235	245	252	252	267	270	294	307	329	324
Glue, not elsewhere specified	724	877	815	851	829	762	675	594	470	510	697	784	809

	162	156	155	171	160	165	145	148	154	171	168	170	178
Gold and silver, leaf and foil													
Grease and tallow, not including lubricating greases	750	745	747	737	750	749	743	754	735	753	755	761	766
Hair work	23	22	22	22	24	24	25	25	23	23	23	23	23
Hand stamps and stencils and brands	75	88	87	87	80	78	76	65	65	65	68	69	73
Hardware	572	533	555	563	590	602	565	540	583	578	553	579	582
Hats and caps, other than felt, straw, and wool	311	192	278	303	333	333	343	320	339	360	351	310	204
Hats, fur-felt	253	129	174	236	236	255	267	260	270	297	308	290	308
Hats, straw	1,505	1,954	2,213	2,228	1,983	1,117	1,281	878	985	1,106	1,307	1,361	1,650
House-furnishing goods, not elsewhere specified	904	697	849	925	896	926	1,039	1,034	1,044	1,082	1,122	1,154	1,552
Ice, manufactured	164	163	160	149	149	150	168	182	182	173	168	163	156
Instruments, professional and scientific	618	692	684	673	615	614	604	602	580	591	575	589	594
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	2,501	3,202	2,551	2,701	2,476	2,480	2,674	2,584	2,109	2,159	2,206	2,351	2,414
Iron and steel, forgings, not made in steel works or rolling mills	1,249	1,434	1,402	1,330	1,329	1,249	1,191	1,158	1,141	1,142	1,156	1,213	1,238
Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills	1,233	1,058	944	989	1,265	1,398	1,376	1,188	1,365	1,526	1,318	1,466	903
Iron and steel, processed or welded													
Ivory, shell, and bone work, not including combs and hairpins	1,110	1,155	1,153	1,100	1,048	960	983	948	1,009	1,176	1,194	1,285	1,315
Jewelry	70	84	86	73	69	69	72	65	66	65	68	64	57
Jewelry and instrument cases	169	172	164	168	166	156	158	156	169	196	194	169	161
Knit goods	4,619	4,784	4,843	4,902	4,733	4,582	4,505	4,318	4,448	4,554	4,612	4,633	4,516
Lamps and reflectors	438	377	380	376	437	411	335	226	445	474	604	661	535
Lasts	10,497	8,312	9,433	10,147	10,189	10,187	10,274	10,494	10,594	11,068	11,538	11,898	11,898
Leather goods, not elsewhere specified	367	309	309	416	421	460	394	362	380	326	365	376	325
Leather, tanned, curried, and finished	1,161	949	1,117	1,168	1,176	1,191	1,207	1,253	1,268	1,263	1,145	1,074	1,122
Line	440	390	424	448	442	419	446	405	358	435	497	503	516
Linen goods	9,093	6,865	7,971	8,183	7,955	8,696	9,696	9,885	9,836	10,000	9,892	9,881	9,602
Liquors, malt	493	409	447	419	468	491	473	497	491	536	566	581	541
Liquors, wine	1,063	1,217	1,155	1,088	1,009	973	999	975	957	1,083	1,042	1,033	1,130
Lithographing	380	350	351	348	353	353	410	425	399	363	319	338	308
Lumber and timber products	1,097	1,168	1,051	1,089	1,080	1,091	1,153	1,149	1,069	1,057	1,075	1,094	1,073
Lumber, planing-mill products	1,219	1,427	1,472	1,465	1,430	1,307	1,170	1,009	980	1,054	1,082	1,121	1,175
Machine tools	2,198	2,064	1,912	1,882	2,015	2,128	2,257	2,292	2,291	2,321	2,391	2,396	2,423
Marble and stone work	1,042	1,511	1,624	1,380	947	1,049	873	984	997	852	819	796	816
Mattresses and spring beds	1,490	1,590	1,367	1,511	1,990	2,160	2,185	2,182	2,203	2,208	2,092	2,028	1,883
Millinery and lace goods, not elsewhere specified	567	463	492	515	554	591	615	591	576	601	627	600	578
Mineral and soda waters	1,196	1,274	1,455	1,301	1,357	1,073	1,085	1,055	1,197	1,150	1,156	928	1,143
Minerals and earths, ground or otherwise treated	636	487	482	517	644	693	819	931	887	639	538	493	481
Mirrors, framed and unframed	71	77	77	79	77	74	58	54	63	63	81	84	74
Motors, bicycles, not including paper patterns	152	144	152	152	153	150	146	145	143	149	156	170	169
Motorcycles, bicycles, and parts	78	76	74	77	77	78	75	74	75	76	78	85	88
Motor vehicles, including bodies and parts	373	392	393	384	382	358	369	361	359	373	364	373	386
Mucilage and paste, and other adhesives, not elsewhere specified	1,184	1,938	1,452	1,387	1,337	752	634	709	890	1,088	1,645	1,645	1,050
Musical instruments and materials, not specified	4,304	3,860	3,631	3,593	4,651	4,974	5,073	4,441	4,080	4,289	4,300	4,334	4,419
	98	92	90	98	100	104	100	96	102	100	98	98	97
	253	270	270	274	274	268	257	239	236	233	236	236	239

TABLE II. AVERAGE NUMBER OF WAGE-EARNERS EMPLOYED EACH MONTH: BY INDUSTRIES — 1921 — Concluded.

INDUSTRIES AND SEX.	Average Number Em- ployed	January	Febru- ary	March	April	May	June	July	August	Septem- ber	October	Novem- ber	Decem- ber
Musical instruments, pianos and organs, and mate- rials	2,465	2,300	2,297	2,439	2,437	2,372	2,478	2,197	2,328	2,377	2,596	2,823	2,939
Needles, pins, and hooks and eyes	828	654	638	665	665	667	662	1,216	1,203	1,024	906	918	713
Oil, not elsewhere specified	141	137	130	138	141	133	136	160	156	140	143	156	158
Optical goods	2,663	3,045	2,932	2,951	2,859	2,837	2,834	1,354	2,872	2,573	2,608	2,695	2,652
Paints and varnishes	443	452	484	494	468	462	432	418	372	393	423	451	465
Paper and wood pulp	12,427	12,967	12,476	12,674	12,651	12,285	11,707	11,952	11,932	12,171	12,415	13,078	12,829
Faper goods, not elsewhere specified	1,763	1,484	1,559	1,656	1,707	1,650	1,772	1,726	1,791	1,664	1,917	1,966	2,055
Patent medicines and compounds, and druggists' preparations	1,781	2,046	1,618	1,626	1,589	1,644	1,630	1,568	1,659	1,890	2,073	2,055	1,968
Paving materials	347	157	107	161	376	434	446	493	521	524	432	322	200
Photo-engraving, not done in printing establish- ments	518	523	530	540	507	518	521	517	516	515	523	503	506
Photographic materials	53	54	55	55	54	54	53	48	53	52	52	52	54
Plumbers' supplies, not elsewhere specified	555	516	495	550	547	558	555	534	554	556	557	612	629
Pocketbooks	246	235	253	257	250	240	235	219	233	234	266	269	265
Pottery	165	157	158	167	142	149	133	151	153	179	183	203	200
Printing and publishing, book and job	7,577	8,105	8,129	8,131	7,205	7,040	7,387	7,196	7,305	7,464	7,571	7,630	7,758
Printing and publishing, music	131	139	142	138	136	133	130	127	128	128	128	121	122
Printing and publishing, newspapers and periodi- cals	5,056	5,172	5,065	5,102	4,939	4,964	4,994	4,914	4,864	4,946	5,179	5,248	5,277
Printing materials, including type founding	89	91	94	90	91	95	89	90	88	85	87	90	87
Pulp goods	49	60	58	55	56	54	53	40	38	36	48	47	50
Pumps, steam and other power	1,281	1,352	1,626	1,574	1,403	1,315	1,237	1,140	1,116	1,071	978	1,010	1,049
Refrigerators	105	106	104	109	113	89	108	93	94	93	108	118	107
Regalia and society badges and emblems	133	135	135	133	134	140	144	139	132	126	124	125	134
Rubber goods, including rubber tires and inner tubes	7,847	5,623	6,031	6,171	6,790	7,550	7,636	8,245	9,001	8,965	9,415	9,322	9,415
Saddlery and harness	119	117	125	125	126	128	126	125	105	111	109	116	117
Sausage, not made in slaughtering and meat-pack- ing establishments	391	407	395	381	377	364	361	367	370	379	431	432	431
Saws	464	607	601	577	553	505	436	420	374	395	374	377	373
Screws, machine	262	327	301	289	284	293	293	265	220	223	216	240	236
Sewing machines, cases, and attachments	564	472	470	591	617	624	627	592	557	447	543	614	620
Shipbuilding, steel	5,679	7,732	6,933	7,143	7,209	7,066	7,092	6,483	3,764	3,670	3,625	3,688	3,745
Shipbuilding, wooden	336	407	416	395	375	347	347	349	273	238	230	228	279
Shirts	1,104	1,044	1,095	1,073	1,096	1,169	1,188	1,123	1,054	1,039	1,037	1,144	1,168
Show cases	80	72	74	78	83	83	83	83	77	83	86	83	80
Signs and advertising novelties	362	410	340	328	334	352	347	354	363	360	383	389	398
Silk goods, including products of throwsters	5,864	4,473	4,685	4,891	5,329	5,701	6,001	6,145	6,504	6,689	6,798	6,583	6,525
Silverware and plated ware	2,988	1,974	1,947	1,946	1,989	2,012	2,044	1,994	2,059	2,131	2,258	2,347	2,361
Slaughtering and meat packing	2,986	3,321	3,170	2,998	2,606	2,644	2,714	3,036	2,958	3,057	3,049	3,038	3,240

TABLE III. WAGES — Continued.
A. CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1921 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 and over
		\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$18	\$20	\$22	\$25	\$30	\$35	\$40	\$45	\$50	Over
Bookbinding and Blank-Book Making.																				
Adults (18 years of age and over):	2,724	16	41	44	51	95	166	96	149	112	193	349	167	294	261	252	209	111	58	60
Males	1,302	—	—	—	1	5	6	5	12	21	42	66	92	168	207	249	204	111	54	59
Females	1,063	1	6	2	12	33	101	67	107	74	127	275	70	122	53	3	5	—	4	1
Young persons (under 18 years of age):																				
Males	162	6	7	24	15	27	28	12	12	6	14	5	3	2	1	—	—	—	—	—
Females	197	9	28	18	23	30	31	12	18	11	10	3	2	2	—	—	—	—	—	—
Boot and Shoe Cut Stock and Findings, exclusive of those made in Boot and Shoe Factories.																				
Adults (18 years of age and over):	8,012	92	67	104	233	203	373	276	283	513	473	697	673	694	1,346	872	721	212	81	99
Males	5,423	15	6	21	30	36	102	68	81	220	201	427	505	569	1,232	822	702	208	80	98
Females	1,995	36	39	48	93	125	182	162	166	237	245	239	150	105	99	46	17	4	1	1
Young persons (under 18 years of age):																				
Males	418	16	8	19	79	31	66	34	25	42	21	26	14	16	15	4	2	—	—	—
Females	176	25	14	16	31	11	23	12	11	14	6	5	4	4	—	—	—	—	—	—
Boots and Shoes, not including Rubber Boots and Shoes.																				
Adults (18 years of age and over):	72,454	387	335	676	1,107	1,078	2,352	1,676	1,889	3,443	4,413	5,980	5,939	6,863	9,006	7,827	6,403	5,456	3,474	4,150
Males	43,116	68	60	105	231	227	400	371	446	1,016	1,553	2,439	2,821	3,463	6,053	6,216	5,507	4,968	3,217	3,955
Females	25,394	165	153	258	476	510	1,289	914	1,059	1,949	2,591	3,554	3,027	3,329	2,898	1,593	889	488	257	195
Young persons (under 18 years of age):																				
Males	1,972	46	39	125	159	151	313	204	201	300	175	114	54	33	38	15	5	—	—	—
Females	1,972	108	83	188	241	190	350	187	183	178	94	73	37	38	17	3	2	—	—	—
Boots and Shoes, Rubber.																				
Adults (18 years of age and over):	9,654	55	67	116	136	241	230	265	555	603	949	1,194	1,296	1,411	1,806	772	348	87	20	4
Males	5,299	—	—	3	1	1	12	52	135	154	248	319	596	1,284	1,267	768	348	87	20	4
Females	3,688	30	37	74	87	76	101	174	371	432	650	813	684	117	38	4	—	—	—	—
Young persons (under 18 years of age):																				
Males	216	2	7	11	14	56	41	7	26	5	12	25	4	5	1	—	—	—	—	—
Females	451	23	23	27	34	108	76	32	23	12	39	37	12	5	—	—	—	—	—	—

	120	41	2	2	4	14	7	8	12	7	8	9	8	5	7	14	7	1	1
Boxes, Cigar.																			
Adults (18 years of age and over):																			
Males	51	—	—	—	1	1	—	—	2	1	2	3	6	5	7	14	7	1	1
Females	62	—	2	3	13	6	8	—	10	6	6	6	2	—	—	—	—	—	—
Young persons (under 18 years of age):																			
Males	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	3	—	2	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Boxes, Paper and Other, not elsewhere Specified.																			
Adults (18 years of age and over):																			
Males	4,437	67	64	142	215	194	408	181	231	438	437	451	402	365	477	205	105	33	13
Females	1,511	3	2	1	7	11	27	16	36	63	84	142	171	253	367	179	97	31	13
Young persons (under 18 years of age):																			
Males	2,193	30	25	45	102	126	258	117	132	313	304	280	219	106	105	20	8	2	—
Females	161	6	4	10	11	7	27	10	18	15	27	11	2	4	4	5	—	—	—
Young persons (under 18 years of age):																			
Males	572	28	33	86	95	50	96	38	45	47	22	18	10	2	1	1	—	—	—
Females																			
Boxes, Wooden Packing, except Cigar Boxes.																			
Adults (18 years of age and over):																			
Males	2,998	13	4	15	25	15	100	51	66	116	185	284	469	669	593	207	120	38	14
Females	2,475	1	1	—	4	3	42	26	40	79	150	242	415	613	513	174	108	36	14
Young persons (under 18 years of age):																			
Males	418	7	—	3	5	6	43	18	20	28	24	37	47	55	78	33	12	2	—
Females	69	5	2	7	10	1	9	5	5	6	11	2	5	—	1	—	—	—	—
Young persons (under 18 years of age):																			
Males	36	—	1	5	6	5	6	2	1	3	—	3	2	1	1	—	—	—	—
Females																			
Brass, Bronze, Copper, and Allied Products.																			
Adults (18 years of age and over):																			
Males	2,360	—	1	1	6	5	15	4	10	19	79	109	391	417	456	344	257	121	79
Females	2,296	—	1	—	5	—	4	1	7	12	70	103	387	415	452	339	254	121	79
Young persons (under 18 years of age):																			
Males	44	—	—	—	—	2	7	3	3	5	6	2	3	2	3	5	3	—	—
Females	19	—	—	—	—	3	4	—	—	2	3	4	1	—	1	—	—	—	—
Young persons (under 18 years of age):																			
Males	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females																			
Bread and Other Bakery Products.																			
Adults (18 years of age and over):																			
Males	8,726	61	41	61	595	227	423	214	307	471	489	587	555	770	1,355	361	817	401	172
Females	6,072	6	3	11	36	7	62	19	63	141	186	443	483	742	1,333	943	834	395	171
Young persons (under 18 years of age):																			
Males	2,172	27	23	32	400	165	300	130	217	291	201	129	64	25	16	7	13	6	1
Females	143	14	4	5	22	2	21	7	11	21	8	11	7	3	6	1	—	—	—
Young persons (under 18 years of age):																			
Males	339	14	11	13	137	53	40	28	16	18	4	4	1	—	—	—	—	—	—
Females																			
Brick, Tile, and Terra-Cotta and Fire-Clay Products.																			
Adults (18 years of age and over):																			
Males	732	—	—	4	2	1	9	5	12	25	37	125	198	177	72	36	17	9	2
Females	713	—	—	—	—	1	4	3	12	21	36	125	197	177	72	36	17	9	2
Young persons (under 18 years of age):																			
Males	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	19	—	—	4	2	—	5	2	—	4	1	—	1	—	—	—	—	—	—

Clothing, Men's.	4,684	38	70	108	134	180	211	182	258	288	430	413	371	363	889	330	309	226	133	248
Adults (18 years of age and over):																				
Males	1,824	1	1	2	4	6	4	8	17	35	33	64	107	145	249	266	293	224	132	233
Females	2,860	26	44	85	106	153	185	166	223	227	385	342	259	216	137	63	16	2	1	15
Young persons (under 18 years of age):																				
Males	64	5	9	5	4	5	6	2	5	7	6	2	3	1	3	1	—	—	—	—
Females	141	6	16	16	20	16	16	6	13	19	5	5	2	1	—	—	—	—	—	—
Clothing, Women's.	4,956	66	108	161	225	193	396	310	353	401	547	398	364	281	330	232	111	143	122	215
Adults (18 years of age and over):																				
Males	781	1	2	2	8	4	5	5	5	15	16	14	20	30	71	97	71	111	107	188
Females	3,932	37	56	115	180	168	352	301	342	383	526	384	334	250	259	131	40	32	15	27
Young persons (under 18 years of age):																				
Males	35	3	6	1	2	3	9	—	3	1	3	—	—	—	—	4	—	—	—	—
Females	208	25	44	43	35	18	30	4	3	2	2	—	1	1	—	—	—	—	—	—
Coffee and Spice, Roasting and Grinding.																				
Adults (18 years of age and over):																				
Males	533	2	2	7	26	13	42	36	22	19	42	21	64	58	117	38	19	2	3	—
Females	324	—	—	1	—	—	3	2	3	2	4	17	61	58	112	38	18	2	3	—
Young persons (under 18 years of age):																				
Males	171	—	—	1	21	8	35	33	17	12	35	3	2	—	3	—	1	—	—	—
Females	18	2	1	3	—	—	1	1	2	3	2	1	1	—	2	—	—	—	—	—
Coffins, Burial Cases, and Undertakers' Goods.	400	1	1	5	1	1	5	16	17	22	31	46	55	97	74	15	9	4	—	—
Adults (18 years of age and over):																				
Males	355	—	—	—	—	—	3	5	9	17	29	43	52	97	72	15	9	4	—	—
Females	32	—	—	1	—	—	10	7	4	—	2	3	3	—	2	—	—	—	—	—
Young persons (under 18 years of age):																				
Males	13	1	1	4	1	1	2	1	1	1	—	—	—	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Combs and Hairpins not made from Metal or Rubber.	1,405	31	21	29	70	63	133	112	88	82	120	108	139	134	180	58	24	6	3	4
Adults (18 years of age and over):																				
Males	814	4	2	5	5	6	9	13	13	41	91	96	127	130	178	57	24	6	3	4
Females	390	2	7	7	21	33	94	81	67	36	25	10	9	2	2	1	—	—	—	—
Young persons (under 18 years of age):																				
Males	69	1	9	10	10	3	13	7	5	2	4	2	1	2	—	—	—	—	—	—
Females	132	24	10	7	34	21	17	11	3	3	—	—	2	—	—	—	—	—	—	—
Confectionery.	11,145	69	294	241	725	480	1,882	881	908	904	1,124	1,091	752	607	665	298	174	55	20	35
Adults (18 years of age and over):																				
Males	2,932	1	5	5	16	9	37	38	92	102	237	461	406	420	553	271	171	54	20	35
Females	6,337	9	65	108	439	284	1,461	649	663	690	771	564	333	178	101	18	3	1	—	—
Young persons (under 18 years of age):																				
Males	243	5	7	9	25	21	31	12	32	28	33	7	5	8	11	9	—	—	—	—
Females	1,632	54	157	119	245	166	353	182	121	84	83	59	8	1	—	—	—	—	—	—

Corsets.

Adults (18 years of age and over):
 Males
 Females
 Young persons (under 18 years of age):
 Males
 Females

Cotton Goods.

Adults (18 years of age and over):
 Males
 Females
 Young persons (under 18 years of age):
 Males
 Females

Cotton Small Wares.

Adults (18 years of age and over):
 Males
 Females
 Young persons (under 18 years of age):
 Males
 Females

Cutlery and Tools, not elsewhere Specified.

Adults (18 years of age and over):
 Males
 Females
 Young persons (under 18 years of age):
 Males
 Females

Dental Goods.

Adults (18 years of age and over):
 Males
 Females
 Young persons (under 18 years of age):
 Males
 Females

Dyeing and Finishing Textiles, exclusive of that done in Textile Mills.

Adults (18 years of age and over):
 Males
 Females
 Young persons (under 18 years of age):
 Males
 Females

2,115	25	94	68	203	87	112	215	189	154	265	218	140	120	128	40	17	15	6	13
240	1	1	-	-	-	2	6	3	7	12	20	19	36	56	27	16	15	6	13
1,563	8	29	28	161	58	88	184	159	182	240	184	124	82	72	13	1	-	-	-
14	3	1	-	1	1	1	1	3	-	1	2	-	-	-	-	-	-	-	-
298	13	63	40	41	28	21	24	24	15	12	12	3	2	-	-	-	-	-	-
117,844	724	912	1,519	1,945	3,195	4,253	5,870	6,396	8,251	13,067	18,151	15,556	13,066	12,637	4,247	1,329	540	307	379
59,401	75	65	225	293	575	880	1,746	2,289	3,086	7,932	9,154	8,026	8,208	3,970	1,293	529	307	379	-
46,934	174	194	377	718	1,327	2,081	2,707	3,128	4,230	9,127	8,366	7,221	4,740	2,225	272	36	11	-	-
4,795	165	220	359	354	520	615	614	487	471	477	298	130	55	27	3	-	-	-	-
6,214	310	433	558	773	677	677	803	492	464	531	333	179	63	16	2	-	-	-	-
1,481	46	48	47	79	115	174	94	113	106	114	134	99	86	111	54	29	10	14	8
405	-	1	-	2	3	17	1	13	20	28	48	47	40	83	44	26	10	14	8
842	27	27	25	44	95	121	74	67	66	76	84	52	46	28	7	3	-	-	-
80	9	3	8	11	4	8	11	8	10	4	1	-	-	-	3	-	-	-	-
154	10	17	14	22	13	28	8	25	10	6	1	-	-	-	-	-	-	-	-
3,634	23	39	47	322	422	449	319	326	369	715	711	895	1,347	1,392	930	410	132	44	42
6,749	11	24	20	62	86	105	104	143	140	397	578	839	1,317	1,371	925	410	131	44	42
1,761	2	2	2	176	253	269	186	161	201	291	121	49	25	18	4	-	1	-	-
218	8	12	16	11	26	36	12	22	24	25	11	6	5	3	1	-	-	-	-
206	2	1	9	73	57	39	17	-	4	2	1	1	-	-	-	-	-	-	-
52	1	1	3	5	3	8	3	5	5	1	2	2	1	6	1	2	1	2	-
15	1	-	-	-	-	-	-	1	-	-	1	1	-	4	1	2	1	2	-
34	-	-	1	4	3	8	3	4	5	1	1	1	1	2	-	-	-	-	-
3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12,236	16	34	48	109	162	443	490	894	880	1,368	2,642	1,423	1,490	1,068	527	266	124	97	205
9,221	-	6	2	5	3	65	140	451	488	948	2,239	1,250	1,398	1,012	519	261	123	97	205
2,431	3	3	29	51	112	263	254	350	346	360	347	153	91	55	8	5	1	-	-
298	8	5	13	11	19	44	41	29	24	42	52	8	1	1	-	-	-	-	-
336	5	20	4	42	28	71	55	64	22	18	4	3	-	-	-	-	-	-	-

TABLE III. WAGES — Continued.

A. CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1921 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Ear- ners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 but and over
Dyestuffs and Extracts.																				
Adults (18 years of age and over):	182	1	—	1	3	—	1	—	1	4	10	14	30	23	51	23	9	6	2	3
Males	171	1	—	—	—	—	—	—	—	3	10	13	29	22	50	23	9	6	2	3
Females	6	—	—	1	—	—	—	—	—	1	—	1	—	1	1	—	—	—	—	—
Young persons (under 18 years of age):																				
Males	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	—	—	—	1	2	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Electrical Machinery, Apparatus, and Supplies.																				
Adults (18 years of age and over):	16,440	26	57	170	245	136	457	364	579	459	1,085	1,384	1,589	2,406	3,470	2,281	1,198	390	87	57
Males	12,954	3	6	8	23	19	57	34	172	176	600	939	1,325	2,222	3,388	2,252	1,196	390	87	57
Females	2,648	8	15	79	121	56	222	212	295	244	449	425	253	183	69	15	2	—	—	—
Young persons (under 18 years of age):																				
Males	414	11	26	40	34	20	87	49	52	22	27	15	5	—	12	14	—	—	—	—
Females	424	4	10	43	67	41	91	69	60	17	9	5	6	1	1	—	—	—	—	—
Electroplating.																				
Adults (18 years of age and over):	207	—	—	1	6	2	11	4	2	9	6	15	11	23	37	24	20	31	2	3
Males	187	—	—	1	4	2	5	3	2	8	5	13	10	23	35	21	20	30	2	3
Females	13	—	—	—	—	—	4	1	—	1	1	2	—	—	—	3	—	1	—	—
Young persons (under 18 years of age):																				
Males	6	—	—	—	—	—	1	—	—	—	—	—	—	—	2	—	—	—	—	—
Females	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Emery and Other Abrasive Wheels.																				
Adults (18 years of age and over):	1,086	—	3	6	6	2	38	17	30	17	118	151	188	244	199	43	12	6	3	3
Males	985	—	—	2	1	2	2	1	14	11	113	145	185	244	198	43	12	6	3	3
Females	83	—	—	2	2	—	31	16	15	6	4	6	2	—	1	—	—	—	—	—
Young persons (under 18 years of age):																				
Males	8	—	1	2	—	—	3	—	1	—	—	—	1	—	—	—	—	—	—	—
Females	10	—	3	3	1	—	2	—	—	—	1	—	—	—	—	—	—	—	—	—

	1221	2	1	3	3	—	6	3	2	7	2	10	5	8	15	16	15	11	6	7
Engraving and Diesinking.																				
Adults (18 years of age and over):																				
Males	97	2	—	—	1	—	4	2	1	—	1	7	4	8	14	14	15	11	6	7
Females	8	—	—	—	—	—	—	—	—	3	1	2	1	—	—	1	—	—	—	—
Young persons (under 18 years of age):																				
Males	17	—	1	3	2	—	2	1	1	4	—	1	—	—	1	1	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engraving, Steel and Copper Plate, including Plate Printing.																				
Adults (18 years of age and over):	463	2	4	8	46	25	74	5	30	25	26	25	20	13	20	17	39	22	10	52
Males	194	—	—	—	4	—	2	1	1	4	4	4	12	9	17	15	37	22	10	52
Females	159	—	—	—	5	11	49	2	22	16	17	20	6	4	3	2	2	—	—	—
Young persons (under 18 years of age):	43	2	4	7	11	5	3	1	5	—	2	1	2	—	—	—	—	—	—	—
Males	67	—	1	1	26	9	20	1	2	5	3	—	—	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Envelopes.																				
Adults (18 years of age and over):	2,068	—	2	1	17	13	44	136	89	239	264	270	208	178	187	187	116	70	30	17
Males	744	—	—	—	—	—	5	6	11	8	17	32	37	75	150	177	114	67	30	15
Females	1,186	—	2	—	11	12	19	99	52	212	232	230	163	101	36	10	2	3	—	2
Young persons (under 18 years of age):	43	—	—	1	6	—	2	1	7	3	7	5	8	2	1	—	—	—	—	—
Males	95	—	—	—	—	1	18	30	19	16	8	3	—	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fancy Articles not elsewhere Specified.																				
Adults (18 years of age and over):	1,881	16	18	40	74	353	250	60	72	122	134	206	184	138	107	52	23	25	15	12
Males	779	4	5	4	8	1	5	8	8	15	81	128	171	125	105	48	21	21	11	10
Females	915	4	10	22	48	249	200	49	59	101	52	72	12	13	2	4	2	4	4	2
Young persons (under 18 years of age):	46	1	2	3	5	9	14	2	3	2	1	4	—	—	—	—	—	—	—	—
Males	141	7	1	11	13	74	25	1	2	4	—	2	1	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Felt Goods.																				
Adults (18 years of age and over):	859	—	1	8	10	9	16	6	26	7	58	293	127	101	101	54	29	7	2	4
Males	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	753	—	—	2	6	2	1	2	11	2	38	276	119	100	100	53	28	7	2	4
Young persons (under 18 years of age):	59	—	1	4	—	2	11	1	12	2	3	13	7	1	1	—	1	—	—	—
Males	39	—	—	1	4	2	2	3	3	2	17	4	1	—	—	1	—	—	—	—
Females	8	—	—	—	—	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Fertilizers.																				
Adults (18 years of age and over):	593	—	—	1	—	—	1	—	9	1	327	66	72	35	52	16	7	6	—	—
Males	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	579	—	—	1	—	—	—	—	—	1	326	66	70	35	52	16	7	6	—	—
Young persons (under 18 years of age):	9	—	—	—	—	—	1	—	5	—	—	—	2	—	—	—	—	—	—	—
Males	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Females	2	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
Females	3	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—

TABLE III. WAGES—Continued.

A. CLASSIFIED WEEKLY WAGES: BY INDUSTRIES—1921—Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Earn- ers	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 and Over
Firearms.	065	-	-	1	1	15	31	21	56	48	86	177	148	412	601	284	127	28	12	17
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	1,938	-	-	-	-	-	30	15	19	27	73	158	144	406	598	284	127	28	12	17
Females	77	-	-	-	-	1	1	3	21	20	12	11	2	3	3	-	-	-	-	-
Young persons (under 18 years of age):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	50	-	-	1	-	15	-	3	16	1	1	8	2	3	-	-	-	-	-	-
Females	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flavoring Extracts and Sirups.	419	-	2	2	41	16	83	31	15	40	23	30	36	27	52	13	14	4	4	6
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	159	-	-	-	-	-	1	-	1	2	5	18	34	27	31	12	14	4	4	6
Females	239	-	-	-	35	15	74	31	14	37	17	12	2	-	1	1	-	-	-	-
Young persons (under 18 years of age):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	9	-	2	1	1	1	2	-	-	1	1	-	-	-	-	-	-	-	-	-
Females	12	-	1	1	5	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Flour-Mill and Grain-Mill Products.	251	-	1	-	4	1	5	1	5	6	4	22	45	47	67	33	4	3	1	2
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	232	-	1	-	-	-	3	-	3	2	3	21	44	46	66	33	4	3	1	2
Females	18	-	-	4	4	1	1	1	2	4	1	1	1	1	1	-	-	-	-	-
Young persons (under 18 years of age):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Preparations not elsewhere Specified.	657	8	12	10	42	18	53	41	24	45	38	63	46	72	101	49	21	8	2	4
Adults (18 years of age and over):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	411	1	-	1	1	-	6	5	10	19	21	53	45	69	98	47	21	8	2	4
Females	150	2	6	6	14	7	31	28	12	21	13	7	-	-	1	2	-	-	-	-
Young persons (under 18 years of age):		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Males	35	3	2	1	1	7	4	2	2	2	4	3	1	3	2	-	-	-	-	-
Females	61	2	4	2	26	4	12	6	2	3	-	-	-	-	-	-	-	-	-	-

	25	-	-	-	1	-	6	-	7	-	-	4	9	9	9	2	-	1
Hair Work.																		
Adults (18 years of age and over):																		
Males	4	-	-	-	-	-	-	-	7	-	-	-	-	-	1	2	-	-
Females	20	-	-	-	-	-	6	-	-	-	4	-	-	-	1	-	-	-
Young persons (under 18 years of age):																		
Males	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Hand Stamps and Stencils and Brands.																		
Adults (18 years of age and over):	117	-	-	-	4	5	4	1	6	4	8	9	7	9	21	9	13	6
Males	81	-	-	-	-	1	2	-	4	2	4	5	7	8	16	7	13	5
Females	23	-	-	-	1	1	1	1	1	2	4	4	-	1	5	2	-	1
Young persons (under 18 years of age):																		
Males	10	-	-	-	3	3	1	-	2	1	-	-	-	-	-	-	-	-
Females	3	-	-	-	1	-	2	-	1	-	-	-	-	-	-	-	-	-
Hardware.																		
Adults (18 years of age and over):	443	6	6	3	15	15	15	15	23	16	31	39	31	65	60	36	17	8
Males	308	1	1	-	2	7	7	7	5	3	7	24	30	64	60	36	15	7
Females	89	-	2	1	7	8	8	8	14	9	7	2	1	-	-	2	1	1
Young persons (under 18 years of age):																		
Males	21	1	2	1	3	3	-	-	5	-	-	-	-	1	-	-	-	-
Females	25	4	1	1	3	5	-	10	1	-	-	-	-	-	-	-	-	-
Hats and Caps, other than Felt, Straw, and Wool.																		
Adults (18 years of age and over):	270	1	2	2	9	3	16	5	5	11	9	24	25	14	18	18	25	38
Males	154	1	-	1	2	1	-	-	2	1	-	2	7	5	9	17	23	38
Females	100	-	-	-	3	2	12	2	3	8	9	22	18	9	9	1	2	-
Young persons (under 18 years of age):																		
Males	7	-	1	-	4	-	2	-	-	-	-	-	-	-	-	-	-	-
Females	9	-	1	1	-	-	2	3	-	2	-	-	-	-	-	-	-	-
Hats, Fur-Felt.																		
Adults (18 years of age and over):	343	1	3	2	3	7	8	24	21	41	38	54	55	25	15	13	5	3
Males	159	-	-	-	-	-	-	-	-	-	6	41	47	21	11	12	3	3
Females	173	-	-	-	-	6	8	33	21	41	32	13	8	4	4	1	2	-
Young persons (under 18 years of age):																		
Males	5	1	1	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-
Females	6	1	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Hats, Straw.																		
Adults (18 years of age and over):	1,398	12	2	18	90	40	93	30	58	74	102	170	143	165	198	92	51	27
Males	430	-	-	-	3	-	2	1	-	5	14	58	54	79	91	46	28	18
Females	892	-	-	4	71	35	73	29	55	68	86	111	88	86	106	46	23	9
Young persons (under 18 years of age):																		
Males	27	-	2	5	10	-	5	-	2	-	2	1	1	-	1	-	-	-
Females	49	-	9	6	-	5	13	-	1	1	-	-	-	-	-	-	-	-

Iron and Steel, Bolts, Nuts, Washers, and Rivets.														
Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females
1,426	1	—	3	14	6	29	5	38	41	79	50	96	344	118
996	1	—	—	1	—	6	—	15	23	78	49	96	343	118
360	—	—	3	3	—	22	5	8	17	1	1	—	1	—
13	—	—	—	—	—	—	—	12	—	—	—	—	—	—
57	—	—	—	10	6	1	—	3	37	—	—	—	—	—
1,582	2	—	7	5	9	7	7	9	25	49	108	157	192	258
1,521	2	—	6	3	5	3	4	8	24	40	102	147	184	259
21	—	—	—	—	2	2	1	—	3	1	4	5	2	1
38	—	—	1	1	1	2	2	1	1	6	5	3	5	4
2	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Iron and Steel, Nails and Spikes, Cut and Wrought, including Wire Nails.														
Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females
1,377	2	1	8	17	31	136	18	38	75	91	155	212	146	174
1,032	1	—	—	1	1	5	2	1	52	66	138	192	135	167
303	—	1	5	14	25	122	14	36	22	18	15	14	8	7
18	—	—	2	—	1	—	2	1	—	2	1	6	3	—
24	1	—	1	2	4	9	—	1	1	5	1	—	—	—
Iron and Steel, Processed or Welded.														
Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females
94	—	—	—	2	—	—	—	—	5	3	9	7	4	18
91	—	—	—	2	—	—	—	—	5	3	9	7	4	18
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
193	2	—	6	4	3	15	7	6	13	19	20	27	23	15
138	—	—	1	1	—	3	1	2	6	13	16	18	26	14
29	—	—	1	2	2	4	2	4	5	4	2	2	—	1
19	1	—	3	1	1	4	4	—	1	2	1	—	1	—
7	1	—	—	—	—	—	—	—	1	—	—	—	—	—
4,836	38	36	63	137	85	259	163	190	248	451	455	374	485	489
2,974	3	4	2	14	7	44	23	34	78	142	228	227	307	464
1,549	10	13	35	77	57	163	109	120	158	292	213	144	85	21
143	11	9	15	17	6	18	9	16	8	12	3	3	4	4
170	14	10	11	29	15	34	22	20	4	9	2	—	—	—
Ivory, Shell, and Bone Work, not including Combs and Hairpins.														
Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females	Young persons (under 18 years of age):	Males	Females	Adults (18 years of age and over):	Males	Females
138	—	—	—	1	—	3	1	2	6	13	16	18	26	14
29	—	—	—	1	2	4	2	4	5	4	2	2	—	1
19	1	—	3	1	1	4	4	—	1	2	1	—	1	—
7	1	—	—	—	—	—	—	—	1	—	—	—	—	—
804	489	260	128	47	124	485	374	455	451	455	374	485	804	489
256	464	256	126	47	123	307	227	228	142	228	227	307	755	464
4	21	4	2	—	1	85	144	213	292	213	144	85	45	21
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—		

Leather Goods, not elsewhere Specified.

Adults (18 years of age and over):	554	8	11	17	44	85	73	25	55	37	41	32	52	22	39	23	11	11	4	14
Males	228	1	3	2	7	3	4	4	10	6	14	15	42	18	37	22	11	11	4	14
Females	268	1	4	11	30	24	59	18	39	29	23	15	9	3	2	1	-	-	-	-
Young persons (under 18 years of age):																				
Males	21	1	-	4	-	3	5	1	1	1	2	1	1	1	-	-	-	-	-	-
Females	37	5	4	-	7	5	5	2	5	1	2	1	-	-	-	-	-	-	-	-

Leather, Tanned, Curried, and Finished.

Adults (18 years of age and over):	11,297	10	15	56	46	61	177	91	159	534	338	801	1,789	1,996	2,218	1,331	729	507	179	140
Males	10,266	3	6	18	15	24	64	34	70	187	201	751	1,749	1,964	2,210	1,328	727	506	179	140
Females	787	-	7	22	15	22	67	47	58	337	88	38	34	28	8	3	2	1	-	-
Young persons (under 18 years of age):																				
Males	178	7	-	11	12	10	36	6	24	34	17	11	6	4	-	-	-	-	-	-
Females	66	-	2	5	4	5	10	4	7	26	2	1	-	-	-	-	-	-	-	-

Lime.

Adults (18 years of age and over):	506	-	-	-	-	-	-	-	-	1	47	142	85	123	58	24	16	7	3	-
Males	506	-	-	-	-	-	-	-	-	1	47	142	85	123	58	24	16	7	3	-
Females	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):																				
Males	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Linen Goods.

Adults (18 years of age and over):	1,094	-	2	-	1	70	42	76	104	64	167	186	112	182	44	22	7	6	6	3
Males	428	-	-	-	-	-	1	1	7	5	38	92	71	131	39	22	7	6	6	3
Females	417	-	-	-	-	-	26	59	40	27	93	75	41	51	5	-	-	-	-	-
Young persons (under 18 years of age):																				
Males	137	-	2	-	-	14	11	11	31	23	29	16	-	-	-	-	-	-	-	-
Females	112	-	-	-	1	56	4	6	26	9	7	3	-	-	-	-	-	-	-	-

Liquors, Malt.

Adults (18 years of age and over):	373	-	1	-	-	-	-	-	1	-	-	-	-	4	23	226	66	24	16	12
Males	372	-	1	-	-	-	-	-	-	-	-	-	-	4	23	226	66	24	16	12
Females	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):																				
Males	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Females	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Lithographing.

Adults (18 years of age and over):	1,066	-	4	13	5	5	53	25	41	42	65	57	60	103	195	102	70	113	70	43
Males	699	-	-	-	-	-	8	4	7	15	18	21	27	47	158	98	70	113	70	43
Females	305	-	3	12	5	3	30	18	22	23	31	30	32	56	36	4	-	-	-	-
Young persons (under 18 years of age):																				
Males	46	-	1	1	-	2	11	3	10	4	14	4	1	-	1	-	-	-	-	-
Females	16	-	-	-	-	-	4	-	2	-	2	2	-	-	-	-	-	-	-	-

TABLE III. WAGES — Continued.

A. CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1921 — Continued.

INDUSTRIES AND SEX.	Total Num- ber of Wage Ear- ners.	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																		
		Un- der \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 and over
Sewing Machines, Parts, and Attachments.	704	2	3	8	16	10	22	16	26	33	42	126	138	91	96	50	6	7	3	9
Adults (18 years of age and over):																				
Males	620	1	2	—	5	5	6	6	5	28	40	124	136	91	96	50	6	7	3	9
Females	70	1	—	4	8	5	13	7	21	5	2	2	2	—	—	—	—	—	—	—
Young persons (under 18 years of age):																				
Males	11	—	1	3	1	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—
Females	3	—	—	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shipbuilding, Steel.	3,727	—	2	25	21	8	45	46	80	39	189	337	362	639	817	578	328	164	33	14
Adults (18 years of age and over):																				
Males	3,641	—	—	16	15	5	29	29	57	29	189	337	362	639	817	578	328	164	33	14
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Young persons (under 18 years of age):																				
Males	86	—	2	9	6	3	16	17	23	10	—	—	—	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shipbuilding, Wooden.	641	1	1	—	—	3	9	—	4	7	11	25	47	83	142	194	90	14	3	7
Adults (18 years of age and over):																				
Males	640	1	1	—	—	3	9	—	4	6	11	25	47	83	142	194	90	14	3	7
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Young persons (under 18 years of age):																				
Males	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Females	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Shirts.	1,239	12	18	97	101	72	139	148	127	96	130	88	66	42	45	38	7	11	1	1
Adults (18 years of age and over):																				
Males	117	—	—	—	—	—	4	—	1	2	6	10	8	12	24	33	5	10	1	1
Females	966	4	7	61	81	62	129	142	118	88	110	68	54	26	13	—	2	1	—	—
Young persons (under 18 years of age):																				
Males	36	—	2	1	1	—	—	2	1	—	1	9	3	3	8	5	—	—	—	—
Females	120	8	9	35	19	10	6	4	7	6	13	1	1	1	—	—	—	—	—	—

TABLE III. WAGES — Continued.

A. CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1921 — Continued.

INDUSTRIES AND SEX.	Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																	
		Under \$8		\$8 to \$9		\$9 to \$10		\$10 to \$11		\$11 to \$12		\$12 to \$13		\$13 to \$14		\$14 to \$15		\$15 to \$16	
		but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under	but under
Soda Water Apparatus.	500			1								3		1		3	7		
Adults (18 years of age and over):																			
Males	292																6	25	20
Females	4																1	25	20
Young persons (under 18 years of age):																			
Males	4			1								3							
Females																			
Sporting and Athletic Goods.	1,803	4	6	7	15	10	67	44	96	77	113	123	165	249	367	237	130	43	49
Adults (18 years of age and over):																			
Males	1,194				1		8	11	37	17	45	54	108	200	276	217	128	43	49
Females	490	3	6	7	7	5	55	14	41	42	52	63	48	39	85	20	2		
Young persons (under 18 years of age):																			
Males	64				2	5	1	11	10	9	10	4	5	6	1				
Females	55	1			5		3	8	8	9	6	2	4	4	5				
Springs, Steel, Vehicle, Heavy Machine, etc., not made in Steel Works or Rolling Mills.	39																		
Adults (18 years of age and over):																			
Males	39										1			6	12	9	6	2	1
Females																			
Young persons (under 18 years of age):																			
Males																			
Females																			
Stationery Goods, not elsewhere Specified.	3,370	5	22	54	69	67	166	258	261	291	441	390	343	312	273	175	130	80	18
Adults (18 years of age and over):																			
Males	1,297				1	21	12	18	14	36	79	151	158	219	206	152	123	79	18
Females	1,675	1	10	31	31	22	97	171	192	215	338	226	181	93	67	23	7	1	
Young persons (under 18 years of age):																			
Males	77			3	7	2	17	12	16	9	6	3	2						
Females	321	21	41	30	30	22	40	57	39	31	18	10	7						

Statuary and Art Goods.	60	-	-	1	-	-	-	-	-	-	1	16	6	6	1	11	8	8
Adults (18 years of age and over):																		
Males	59	-	-	-	-	-	-	-	-	-	2	1	6	6	1	11	8	8
Females		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):																		
Males	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Steam Fittings and Steam and Hot-Water Heating Apparatus.																		
Adults (18 years of age and over):	2,977	1	-	4	33	20	12	24	14	163	374	575	495	456	244	449	64	29
Males	2,864	1	-	2	26	6	3	10	5	150	366	561	495	456	244	449	64	29
Females	86	-	-	-	-	11	4	8	8	10	5	14	-	-	-	-	-	-
Young persons (under 18 years of age):																		
Males	25	-	-	2	5	3	4	6	1	1	3	-	-	-	-	-	-	-
Females	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Steam Packing.																		
Adults (18 years of age and over):	98	-	-	1	8	3	2	-	3	3	1	13	17	17	18	8	3	1
Males	85	-	-	-	-	3	1	-	3	1	1	12	17	17	18	8	3	1
Females	12	-	-	1	8	-	1	-	-	1	-	1	-	-	-	-	-	-
Young persons (under 18 years of age):																		
Males	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Females		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stereotyping and Electrotyping.																		
Adults (18 years of age and over):	334	2	5	3	2	7	2	6	10	7	17	18	28	79	29	30	56	7
Males	251	-	1	2	-	4	-	-	3	5	13	14	18	66	16	23	53	25
Females	67	-	-	-	-	1	2	4	3	2	4	4	10	13	13	7	3	1
Young persons (under 18 years of age):																		
Males	15	-	1	4	1	2	-	1	4	-	-	-	-	-	-	-	-	-
Females	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Stoves and Hot-Air Furnaces.																		
Adults (18 years of age and over):	1,640	1	7	4	7	23	15	8	37	47	138	151	266	218	192	178	117	89
Males	1,569	-	5	1	4	17	11	3	27	36	123	147	264	213	192	178	117	89
Females	34	-	2	1	1	-	1	2	4	6	9	2	1	5	-	-	-	-
Young persons (under 18 years of age):																		
Males	32	1	-	1	1	5	3	3	6	5	5	1	1	-	-	-	-	-
Females	5	-	-	1	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Structural Iron-work, not made in Steel Works or Rolling Mills.																		
Adults (18 years of age and over):	1,945	-	-	1	1	4	2	5	1	30	26	50	141	308	206	148	73	31
Males	1,043	-	-	1	1	4	2	4	1	30	25	50	141	308	206	148	73	31
Females		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):																		
Males	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Females		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Wire.		4,352	2	1	7	21	10	24	33	41	36	91	192	219	335	996	873	573	420	212	246
Adults (18 years of age and over):																					
Males		4,135	-	-	-	1	2	4	8	14	16	68	185	201	322	992	871	573	420	212	246
Females		130	-	3	3	6	3	8	19	19	14	16	7	17	12	4	2	-	-	-	-
Young persons (under 18 years of age):																					
Males		43	-	1	1	5	3	12	4	6	5	5	-	1	1	-	-	-	-	-	-
Females		24	-	1	3	9	2	2	2	2	1	2	-	-	-	-	-	-	-	-	-
Wirework, not elsewhere Specified.																					
Adults (18 years of age and over):		915	9	12	12	13	19	23	32	42	48	124	132	94	106	78	68	36	13	7	47
Males		702	4	2	3	8	8	11	11	20	28	51	119	88	102	76	68	36	13	7	47
Females		161	5	7	7	2	11	8	14	17	19	57	10	6	3	1	-	-	-	-	-
Young persons (under 18 years of age):																					
Males		20	-	4	2	2	-	4	-	5	1	-	2	-	-	-	-	-	-	-	-
Females		32	4	1	-	1	-	-	7	-	-	16	1	-	1	-	-	-	-	-	-
Wood, Turned and Carved.																					
Adults (18 years of age and over):		725	7	-	11	9	22	36	19	33	78	97	91	107	94	61	33	19	8	3	7
Males		619	1	-	1	2	1	10	14	23	65	86	90	102	93	61	33	19	8	3	7
Females		76	-	-	4	4	13	20	3	7	10	8	1	5	1	-	-	-	-	-	-
Young persons (under 18 years of age):																					
Males		33	6	-	4	2	6	5	2	2	3	3	-	-	-	-	-	-	-	-	-
Females		7	-	2	2	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Wooden Goods, not elsewhere Specified.																					
Adults (18 years of age and over):		215	2	5	5	6	8	23	5	1	7	18	24	38	25	26	15	2	4	1	-
Males		188	1	5	5	5	4	9	-	1	6	17	24	38	25	26	15	2	4	1	-
Females		9	-	-	-	1	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Young persons (under 18 years of age):																					
Males		3	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Females		15	-	-	-	-	3	7	5	-	-	-	-	-	-	-	-	-	-	-	-
Wool Scouring.																					
Adults (18 years of age and over):		974	-	-	-	-	-	-	-	1	3	32	173	95	50	353	86	89	39	51	22
Males		937	-	-	-	-	-	-	-	-	2	2	171	95	48	333	85	89	39	51	22
Females		31	-	-	-	-	-	-	-	1	-	27	1	-	1	-	1	-	-	-	-
Young persons (under 18 years of age):																					
Males		6	-	-	-	-	-	-	-	-	1	3	1	-	1	-	-	-	-	-	-
Females		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wool Shoddy.																					
Adults (18 years of age and over):		300	-	-	-	-	-	5	2	5	1	70	17	74	53	35	11	13	10	2	2
Males		286	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females		11	-	-	-	-	-	5	1	5	-	70	17	73	53	35	11	13	10	2	2
Young persons (under 18 years of age):																					
Males		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Females		1	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-

TABLE III. WAGES — Continued.

A. CLASSIFIED WEEKLY WAGES: BY INDUSTRIES — 1921 — Concluded.

INDUSTRIES AND SEX.		Total Number of Wage Earners	CLASSIFIED WEEKLY WAGES FOR WEEK OF EMPLOYMENT OF GREATEST NUMBER																			
			Un-der \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 but under \$40	\$40 but under \$45	\$45 but under \$50	\$50 and Over	
Woolen and Worsted Goods.			65,872	51	77	373	519	660	1,806	2,535	2,912	4,174	8,211	9,807	7,879	6,814	8,728	6,133	3,111	1,350	400	332
Adults (18 years of age and over):																						
Males			36,043	7	3	7	22	30	94	220	303	891	2,709	6,494	5,076	4,529	6,289	4,897	2,566	1,227	360	319
Females			29,829	6	10	22	137	251	798	1,097	1,788	2,630	4,821	2,909	2,671	2,188	2,395	1,224	539	123	40	13
Young persons (under 18 years of age):																						
Males			2,402	13	37	92	118	105	293	455	342	301	323	189	55	47	18	8	6	—	—	—
Females			3,765	25	27	252	242	274	621	763	479	352	358	215	77	50	26	4	—	—	—	—
All Other Industries.			21,595	49	111	140	214	395	614	583	1,007	945	1,528	2,109	2,348	3,130	3,630	2,213	1,436	693	257	193
Adults (18 years of age and over):																						
Males			15,711	7	32	6	11	22	79	52	111	153	590	1,510	2,004	2,916	3,493	2,178	1,418	684	252	193
Females			5,071	33	47	85	119	278	421	458	799	719	861	561	322	205	122	34	4	1	2	—
Young persons (under 18 years of age):																						
Males			376	3	17	25	37	11	50	28	44	44	47	25	13	7	10	—	6	6	3	—
Females			437	6	15	24	47	84	64	45	53	29	30	13	9	2	5	1	8	2	—	—

TABLE III. WAGES — Continued.

B. NUMBER OF EMPLOYEES RECEIVING SPECIFIED RATES OF WAGES, CLASSIFIED BY SEX AND AGE GROUPS, 1921, WITH PERCENTAGES.

ALL INDUSTRIES.

SEX AND AGE.	Aggre- gates	Un- der \$8	\$8 but under	\$9 but under	\$10 but under	\$11 but under	\$12 but under	\$13 but under	\$14 but under	\$15 but under	\$16 but under	\$18 but under	\$20 but under	\$22 but under	\$25 but under	\$30 but under	\$35 but under	\$40 but under	\$45 but under	\$50 but over
THE STATE																				
Per cent	641,970	2,808	3,464	5,894	10,663	11,190	22,660	20,311	25,585	32,719	57,527	68,445	66,069	74,315	96,906	61,408	39,663	21,822	10,016	10,505
Males (18 years of age and over)	100.0	0.4	0.5	0.9	1.7	1.7	3.5	3.2	4.0	5.1	9.0	10.7	10.3	11.6	15.1	9.6	6.2	3.4	1.5	1.6
Per cent	415,666	339	377	671	1,281	1,431	3,282	3,979	6,226	10,123	24,065	40,602	44,823	57,810	85,116	56,937	37,726	20,991	9,668	10,219
Females (18 years of age and over)	100.0	0.1	0.1	0.2	0.3	0.3	0.8	0.9	1.5	2.4	5.8	9.8	10.8	13.9	20.5	13.7	9.1	5.0	2.3	2.5
Per cent	184,702	817	1,077	2,147	5,126	5,809	13,188	11,442	15,153	19,092	29,951	25,622	20,274	15,887	11,417	4,345	1,903	822	344	286
Young persons (under 18 years of age)	100.0	0.4	0.6	1.2	2.8	3.1	7.1	6.2	8.2	10.3	16.2	13.9	11.0	8.6	6.2	2.4	1.0	0.4	0.2	0.2
Per cent	41,602	1,652	2,010	3,076	4,256	3,950	6,190	4,890	4,206	3,504	3,511	2,221	972	618	373	126	34	9	4	—
	100.0	4.0	4.8	7.4	10.2	9.5	14.9	11.8	10.1	8.4	8.4	5.4	2.3	1.5	0.9	0.3	0.1	1	—	—
BOOTS AND SHOES (EXCLUSIVE OF CUT STOCK AND FINDINGS).																				
Totals	72,454	387	335	676	1,107	1,078	2,352	1,676	1,889	3,443	4,413	5,980	5,939	6,863	9,006	7,827	6,403	5,456	3,474	4,150
Per cent	100.0	0.5	0.5	0.9	1.5	1.5	3.3	2.3	2.6	4.8	6.1	8.3	8.2	9.5	12.4	10.8	8.8	7.5	4.8	5.7
Males (18 years of age and over)	43,116	68	60	105	231	227	400	371	446	1,016	1,553	2,439	2,821	3,463	6,053	6,216	5,507	4,968	3,217	3,955
Per cent	100.0	0.2	0.1	0.3	0.5	0.5	0.9	0.9	1.0	2.4	3.6	5.7	6.5	8.0	14.0	14.4	12.8	11.5	7.5	9.2
Females (18 years of age and over)	25,394	165	153	258	476	510	1,289	914	1,059	1,949	2,591	3,354	3,027	3,329	2,893	1,593	889	488	257	195
Per cent	100.0	0.6	0.6	1.0	1.9	2.0	5.1	3.6	4.2	7.7	10.2	13.2	11.9	13.1	11.4	6.3	3.5	1.9	1.0	0.8
Young persons (under 18 years of age)	3,944	154	122	313	400	341	663	391	384	478	269	187	91	71	55	18	7	—	—	—
Per cent	100.0	3.9	3.1	7.9	10.1	8.7	16.8	9.9	9.7	12.1	6.8	4.8	2.3	1.8	1.4	0.6	0.2	—	—	—

1 Less than one-tenth of one per cent.

LEATHER, TANNED, CURRIED, AND FINISHED.

Totals	11,297	10	15	56	46	61	177	91	159	594	398	801	1,789	1,996	2,218	1,331	729	507	179	140
Per cent	100.0	0.1	0.1	0.5	0.4	0.5	1.6	0.8	1.4	5.3	3.5	7.1	15.8	17.7	19.6	11.8	6.5	4.5	1.6	1.2
Males (18 years of age and over)	10,266	1	6	18	15	24	64	34	70	187	291	751	1,749	1,964	2,210	1,328	727	506	179	140
Per cent	100.0	0	0.1	0.2	0.2	0.2	0.6	0.3	0.7	1.8	2.8	7.3	17.1	19.1	21.5	13.0	7.1	4.9	1.7	1.4
Females (18 years of age and over)	787	-	-	22	15	22	67	47	35	347	88	38	34	28	8	3	2	0.1	-	-
Per cent	100.0	-	-	2.8	1.9	2.8	8.5	5.9	7.4	44.1	11.2	4.8	4.3	3.6	1.0	0.4	0.3	0.1	-	-
Young persons (under 18 years of age)	244	7	2	16	16	15	46	10	31	60	19	12	6	4	-	-	-	-	-	-
Per cent	100.0	2.8	0.8	6.6	6.6	6.1	18.9	4.1	13.7	24.6	7.8	4.9	2.5	1.6	-	-	-	-	-	-

PAPER AND WOOD PULP.

Totals	12,987	9	7	23	25	62	206	223	1,131	310	1,233	1,699	1,918	1,824	1,950	1,144	716	320	101	86
Per cent	100.0	1	1	0.2	0.2	0.5	1.6	1.7	8.7	2.4	9.5	13.1	14.8	14.1	15.0	8.8	5.5	2.5	0.8	0.6
Males (18 years of age and over)	9,442	-	2	-	-	4	4	11	30	45	301	1,275	1,842	1,791	1,809	1,116	708	318	100	86
Per cent	100.0	-	0.1	-	-	1	1	0.1	0.3	0.5	3.2	13.5	19.5	19.0	19.2	11.8	7.5	3.4	1.1	0.9
Females (18 years of age and over)	3,308	5	4	17	16	50	181	202	1,035	245	916	358	68	32	140	28	8	2	1	-
Per cent	100.0	0.2	0.1	0.5	0.5	1.5	5.5	6.1	31.3	7.4	27.7	10.8	2.1	1.0	4.2	0.8	0.2	0.1	-	-
Young persons (under 18 years of age)	237	4	1	6	9	8	21	10	66	20	16	66	8	1	1	-	-	-	-	-
Per cent	100.0	1.7	0.4	2.5	3.8	3.4	8.9	4.2	27.9	8.4	6.7	27.9	3.4	0.4	0.4	-	-	-	-	-

WOOLEN AND WORSTED GOODS.

Totals	65,872	51	77	373	519	660	1,806	2,535	2,912	4,174	8,211	9,807	7,879	6,814	8,728	6,133	3,111	1,350	400	332
Per cent	100.0	0.1	0.1	0.6	0.8	1.0	2.7	3.9	4.4	6.3	12.5	14.9	12.0	10.3	13.2	9.3	4.7	2.1	0.6	0.5
Males (18 years of age and over)	36,043	7	3	7	22	30	94	220	303	891	2,709	6,494	5,076	4,529	6,289	4,897	2,566	1,227	360	319
Per cent	100.0	0.1	0.1	0.1	0.1	0.1	0.3	0.6	0.8	2.5	7.5	18.0	14.1	12.6	17.4	13.6	7.1	3.4	1.0	0.9
Females (18 years of age and over)	23,662	6	10	22	137	251	798	1,097	1,788	2,630	4,821	2,909	2,671	2,188	2,395	1,224	539	123	40	13
Per cent	100.0	1	0.1	0.1	0.6	1.1	3.4	4.6	7.6	11.1	20.4	12.3	11.3	9.2	10.1	5.2	2.3	0.5	0.2	1
Young persons (under 18 years of age)	6,167	38	64	344	360	379	914	1,218	821	653	681	404	132	97	44	12	6	-	-	-
Per cent	100.0	0.7	1.0	5.6	5.8	6.1	14.8	19.8	13.3	10.6	11.0	6.6	2.1	1.6	0.7	0.2	0.1	-	-	-

¹ Less than one-tenth of one per cent.² Includes foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; steam fittings and steam and hot-water heating apparatus; and structural ironwork.

TABLE IV. DAYS IN OPERATION.

A. THE STATE: BY INDUSTRIES.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
THE STATE.	9,994	276.4	The State — Con.		
Aluminum manufactures . . .	4	258.0	Cotton goods	182	254.1
Artificial limbs	5	307.8	Cotton small wares	42	264.6
Artificial stone products . .	21	259.0	Cutlery and tools, not elsewhere specified	124	268.0
Awnings, tents, and sails . .	41	286.7	Dental goods	5	303.4
Baskets, and rattan and willow ware	5	253.4	Dyeing and finishing textiles, exclusive of that done in textile mills	63	274.2
Belting and hose, other than leather or rubber	4	282.5	Dyestuffs and extracts . . .	22	266.0
Belting, leather	18	299.0	Electrical machinery apparatus, and supplies	105	273.4
Billiard tables, bowling alleys and accessories	5	302.2	Electroplating	31	293.3
Blackings, stains, and dressings	57	284.8	Emery and other abrasive wheels	10	269.0
Bookbinding and blank-book making	78	300.1	Engraving and diesinking . .	25	299.1
Boot and shoe cut stock and findings, exclusive of those made in boot and shoe factories	381	258.4	Engraving, steel and copper plate, including plate printing	17	299.3
Boots and shoes, not including rubber boots and shoes	543	244.7	Envelopes	13	293.2
Boots and shoes, rubber . . .	8	250.5	Fancy articles, not elsewhere specified	32	281.1
Boxes, cigar	4	280.5	Felt goods	14	264.3
Boxes, paper and other, not elsewhere specified	115	272.1	Fertilizers	5	242.6
Boxes, wooden packing, except cigar boxes	58	262.7	Firearms	4	232.8
Brass, bronze, copper, and allied products	64	272.2	Flavoring extracts and sirups	24	293.2
Bread and other bakery products	1,125	305.6	Flour-mill and grain-mill products	57	272.8
Brick, tile, and terra-cotta and fire-clay products . . .	27	189.7	Food preparations, not elsewhere specified	60	260.9
Brooms	15	277.7	Foundry and machine-shop products	515	269.8
Brushes	28	291.5	Fur goods	24	295.2
Butter	23	297.3	Furnishing goods, men's . . .	14	281.1
Buttons	17	269.3	Furniture	160	275.2
Canning and preserving . . .	54	268.5	Gas and electric fixtures . .	5	301.0
Carpets and rugs, other than rag	11	246.5	Gas, illuminating and heating	47	350.9
Carpets, rag	11	283.9	Glass, cutting, staining, and ornamenting	22	272.9
Carriages and sleds, children's	14	281.9	Glue, not elsewhere specified	11	273.5
Carriages and wagons, and materials	31	301.4	Gold and silver, leaf and foil	13	259.6
Cars and general shop construction and repairs by electric-railroad companies	30	334.7	Grease and tallow, not including lubricating greases	22	302.2
Cars and general shop construction and repairs by steam-railroad companies	14	299.5	Hair work	4	292.3
Chemicals	35	281.7	Hand stamps and stencils and brands	17	301.9
Chocolate and cocoa products	10	262.0	Hardware	32	283.0
Cleansing and polishing preparations	23	302.6	Hats and caps, other than felt, straw, and wool	32	271.7
Cloth sponging and refinishing	5	300.6	Hats, fur-felt	3	303.7
Clothing, men's	194	264.5	Hats, straw	13	275.3
Clothing, women's	249	262.9	House furnishing goods, not elsewhere specified	49	289.2
Coffee and spice, roasting and grinding	20	285.4	Ice, manufactured	10	317.4
Coffins, burial cases and undertakers' goods	10	310.4	Instruments, professional and scientific	24	290.2
Combs and hairpins, not made from metal or rubber	21	280.2	Iron and steel, steel works and rolling mills	13	214.8
Confectionery and ice cream	295	281.0	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills	9	236.0
Confectionery	146	265.6	Iron and steel, forgings, not made in steel works or rolling mills	13	243.2
Ice cream	149	296.0	Iron and steel, nails and spikes, cut and wrought, including wire nails, not made in steel works or rolling mills	23	263.0
Cooperage	11	204.3	Iron and steel, processed or welded	22	294.7
Copper, tin, and sheet-iron products, including stamped ware and tinware	127	289.2	Ivory, shell, and bone work, not including combs and hairpins	7	284.0
Cordage and twine and jute goods	14	265.5			
Corsets	13	283.3			

TABLE IV. DAYS IN OPERATION — Continued

A. THE STATE: BY INDUSTRIES — Concluded.

INDUSTRIES.	Number of Establishments	Average Number of Days in Operation	INDUSTRIES.	Number of Establishments	Average Number of Days in Operation
The State — Con.			The State — Con.		
Jewelry	153	258.7	Regalia and society badges and emblems	7	283.7
Jewelry and instrument cases	11	295.0	Rubber goods, including rubber tires and inner tubes	52	247.8
Knit goods	81	254.7	Saddlery and harness	10	256.1
Lamps and reflectors	9	251.4	Sausage, not made in slaughtering and meat-packing establishments	61	291.7
Lasts	35	282.6	Saws	10	253.4
Leather goods, not elsewhere specified	45	270.9	Screws, machine	24	269.0
Leather, tanned, curried, and finished	119	270.6	Sewing machines, cases, and attachments	6	299.0
Lime	11	306.9	Shipbuilding, steel	4	302.3
Linen goods	3	268.3	Shipbuilding, wooden	35	296.6
Liquors, malt	14	272.6	Shirts	13	271.8
Lithographing	14	287.7	Show cases	8	293.7
Lumber and timber products	133	195.7	Signs and advertising novelties	28	285.6
Lumber, planing-mill products	134	289.6	Silk goods, including products of throwsters	23	311.2
Machine tools	37	248.4	Silverware and plated ware	29	286.5
Marble and stone work	190	236.5	Slaughtering and meat packing	33	273.6
Mattresses and spring beds	58	285.4	Soap	23	278.7
Millinery and lace goods, not elsewhere specified	61	293.1	Soda-water apparatus	4	303.5
Mineral and soda waters	137	279.9	Sporting and athletic goods	11	281.5
Minerals and earths, ground or otherwise treated	7	196.3	Springs, steel, vehicle, heavy machine, etc., not made in steel works or rolling mills	8	301.3
Mirror and picture frames	22	299.9	Stationery goods, not elsewhere specified	27	281.3
Mirrors, framed and unframed	5	290.4	Statuary and art goods	8	303.4
Models and patterns, not including paper patterns	64	284.1	Steam-fittings and steam and hot-water heating apparatus	24	271.3
Motorcycles, bicycles, and parts	7	257.3	Steam packing	10	290.0
Motor vehicles, including bodies and parts	91	285.4	Stereotyping and electrotyping	9	304.1
Mucilage and paste, and other adhesives, not elsewhere specified	19	297.1	Stoves and hot-air furnaces	13	217.8
Musical instruments and materials, not specified	16	299.1	Structural ironwork, not made in steel works or rolling mills	54	292.4
Musical instruments, pianos and organs, and materials	34	264.7	Surgical appliances	11	295.8
Needles, pins, and hooks and eyes	5	264.2	Suspenders, garters, and elastic webbing	27	281.5
Oil, not elsewhere specified	12	285.0	Textile machinery and parts	127	283.8
Optical goods	26	278.2	Tobacco manufactures	102	274.3
Paints and varnishes	28	291.4	Toys and games	27	254.0
Paper and wood pulp	81	201.8	Trunks and valises	26	275.4
Paper goods, not elsewhere specified	52	247.3	Umbrellas and canes	9	299.5
Patent medicines and compounds and druggists' preparations	91	284.3	Upholstering materials, not elsewhere specified	7	260.8
Paving materials	17	205.6	Vinegar and cider	13	266.7
Photo-engraving, not done in printing establishments	27	306.2	Waste	9	253.7
Photographic materials	5	298.4	Watch and clock materials, except watch cases	5	279.6
Plumbers' supplies, not elsewhere specified	10	283.4	Whips	7	254.4
Pocketbooks	9	277.0	Window and door screens and weather strips	12	277.3
Pottery	8	275.9	Window shades and fixtures	11	302.5
Printing and publishing, book and job	575	298.7	Wire	9	278.1
Printing and publishing, music	10	290.0	Wirework, not elsewhere specified	24	271.7
Printing and publishing, newspapers and periodicals	305	307.5	Wood, turned and carved	32	279.4
Printing materials, including type founding	6	300.0	Wooden goods, not elsewhere specified	13	285.2
Pulp goods	5	271.0	Wool scouring	12	265.5
Pumps, steam and other power	9	271.3	Wool shoddy	18	227.1
Refrigerators	11	287.0	Woolen and worsted goods	180	267.7
			All other industries	200	268.4

TABLE IV. DAYS IN OPERATION — Concluded.

B. THE STATE: BY CITIES AND TOWNS.

CITIES AND TOWNS.	Number of Es- tablish- ments	Average Number of Days in Oper- ation	CITIES AND TOWNS.	Number of Es- tablish- ments	Average Number of Days in Oper- ation
THE STATE.	9,994	276.4	The State — Con.		
Abington	14	277.5	Medway	8	274.6
Acton	9	262.9	MELROSE	24	295.1
Adams	23	284.6	Merrimac	8	225.3
Amesbury	37	255.7	Methuen	25	290.0
Amherst	14	283.1	Middleborough	28	286.1
Andover	14	280.9	Milford	34	274.5
Arlington	19	292.0	Millbury	23	266.7
Ashburnham	6	228.2	Milton	5	248.3
Ashland	7	295.0	Monson	7	247.0
Athol	34	277.1	Montague	17	245.3
ATTLEBORO	124	259.1	Natick	36	272.7
Auburn	4	264.5	Needham	21	274.2
Ayer	11	270.9	NEW BEDFORD	220	280.2
Barnstable	6	235.2	NEWBURYPORT	52	279.8
Barre	8	270.1	NEWTON	54	290.3
Becket	6	209.8	NORTH ADAMS	50	275.5
Belmont	6	293.0	North Andover	7	299.7
BEVERLY	54	271.6	North Attleborough	65	248.8
Billerica	7	230.3	North Brookfield	8	216.9
Boston	2,663	285.9	NORTHAMPTON	44	280.0
Braintree	15	263.8	Northbridge	10	274.6
Bridgewater	21	223.3	Norton	8	248.4
BROCKTON	248	274.1	Norwood	19	272.3
Brookline	22	297.1	Orange	22	246.7
CAMBRIDGE	311	258.8	Oxford	11	260.8
Canton	22	271.5	Palmer	26	278.0
Carver	4	139.0	PEABODY	75	279.4
CHELSEA	107	283.1	PITTSFIELD	73	283.2
Chester	5	206.8	Plainville	7	260.7
CHICOPEE	56	261.6	Plymouth	23	279.8
Clinton	28	288.9	QUINCY	149	243.5
Concord	11	273.5	Randolph	12	227.8
Dalton	7	259.9	Raynham	5	238.4
Danvers	18	268.7	Reading	14	279.6
Dedham	14	300.5	REVERE	22	246.3
Deerfield	8	240.0	Rockland	16	293.1
Dudley	7	265.0	Rockport	4	271.3
Easthampton	14	264.9	Rowley	4	293.8
Easton	4	283.6	SALEM	121	271.9
Erving	4	222.8	Saugus	8	274.0
Essex	3	240.0	SOMERVILLE	130	288.4
EVERETT	114	286.1	South Hadley	12	225.5
FALL RIVER	264	283.6	Southbridge	38	279.3
Falmouth	3	303.3	Spencer	19	280.6
FITCHBURG	115	277.1	SPRINGFIELD	321	285.7
Foxborough	11	283.6	Stoneham	20	254.7
Framingham	46	284.3	Stoughton	29	271.9
Franklin	20	257.8	TAUNTON	121	265.9
Gardner	65	281.7	Templeton	17	235.6
GLOUCESTER	69	294.5	Townsend	7	253.9
Grafton	9	267.0	Uxbridge	12	282.5
Great Barrington	14	279.6	Wakefield	22	283.5
Greenfield	46	280.5	Walpole	13	265.8
Hanover	6	224.0	WALTHAM	81	282.6
HAVERHILL	379	251.1	Ware	15	278.9
Hingham	5	242.8	Wareham	11	243.1
HOLYOKE	150	271.0	Warren	8	261.5
Hudson	35	257.8	Watertown	21	280.2
Huntington	6	268.0	Webster	23	284.2
Kingston	9	188.1	Wellesley	7	281.3
LAWRENCE	193	287.4	West Springfield	16	270.2
Lee	14	241.0	West Stockbridge	5	300.6
Leicester	10	241.1	Westborough	20	265.4
LEOMINSTER	84	274.4	WESTFIELD	61	269.9
LOWELL	269	282.0	Westminster	5	269.0
LYNN	402	262.9	Weymouth	24	288.9
Lynnfield	4	275.3	Whitman	23	264.2
MALDEN	80	282.0	Williamsburg	7	256.0
Mansfield	18	237.6	Winchendon	21	276.0
Marblehead	17	258.7	Winchester	13	278.5
MARLBOROUGH	36	273.7	Winthrop	7	303.0
MEDFORD	43	286.1	WOBURN	49	273.6
			WORCESTER	505	281.5

TABLE V. EXPORTS.
A. NUMBER OF ESTABLISHMENTS AND VALUE OF GOODS EXPORTED, 1914-1921: BY INDUSTRIES.

INDUSTRIES.	NUMBER OF ESTABLISHMENTS EXPORTING								VALUE OF GOODS EXPORTED							
	1914	1915	1916	1917	1918	1919	1920	1921	1914	1915	1916	1917	1918	1919	1920	1921
All Industries.	1,195	1,649	1,774	1,752	1,690	1,662	1,929	1,625	\$39,670,307	\$111,720,716	\$164,901,984	\$164,153,973	\$155,178,394	\$210,759,607	\$190,879,734	\$96,433,932
Automobiles, including bodies and parts	4	6	5	3	11	9	11	9	91,421	441,029	243,481	1,166,429	360,791	446,814	255,137	93,990
Boots and shoes (total)	193	315	329	296	285	292	314	235	6,965,994	29,608,633	34,029,197	19,124,819	17,333,363	30,527,520	28,226,222	5,243,293
Boot and shoe cut stock and findings	82	120	127	109	104	127	121	101	1,177,172	2,335,667	4,902,473	1,712,170	1,750,302	7,482,677	2,573,140	1,100,799
Boots and shoes	116	195	202	187	181	165	193	134	5,788,822	27,272,966	29,126,724	17,412,649	15,583,061	23,044,843	25,663,082	4,142,494
Canning and preserving, fish	7	9	9	7	5	8	6	5	80,600	759,899	1,053,514	2,157,170	3,035,950	1,972,031	1,022,067	622,229
Carriages and sleds, children's	-	-	-	-	-	-	6	8	-	-	-	-	-	-	-	-
Chemicals	5	10	7	6	6	7	5	6	37,102	506,052	905,226	1,238,301	1,481,352	288,002	365,297	206,398
Clothing, men's	12	9	12	7	6	9	10	6	47,930	119,900	207,931	202,337	123,537	1,607,776	737,584	237,584
Combs and hairpins	6	11	12	13	11	10	7	8	14,539	51,214	69,563	255,038	143,498	369,118	350,248	100,497
Confectionery	7	14	14	10	14	12	17	11	39,774	139,041	207,912	201,092	573,692	872,358	255,139	37,130
Cotton goods	22	42	53	59	68	65	73	72	2,796,582	5,635,230	11,139,048	14,958,215	12,071,841	19,126,280	17,150,124	155,135
Firearms	-	-	-	-	-	-	5	4	-	-	-	-	-	789,143	1,232,870	558,392
Foundry and machine-shop products	221	295	368	374	359	344	398	316	3,162,578	12,128,140	36,561,182	36,496,673	24,427,151	34,166,588	33,670,447	23,498,998
Furniture	15	18	18	13	13	17	21	17	167,789	169,512	159,579	178,099	142,281	156,329	406,671	125,781
Instruments, professional and scientific	-	-	-	-	-	-	12	12	-	-	-	-	-	202,315	141,956	119,476
Jewelry	35	53	66	72	78	78	79	69	121,438	373,892	737,531	704,782	1,045,988	1,638,144	1,881,100	429,483
Knit goods	8	15	19	18	14	11	14	11	155,509	1,461,763	2,380,489	2,445,059	4,571,645	5,405,145	6,604,173	1,464,620
Leather, tanned, curried and finished	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Musical instruments, pianos and organs, and materials	33	38	42	40	34	40	43	38	4,684,377	11,556,869	13,855,709	10,940,483	9,118,846	28,014,618	14,909,452	6,746,078
Paper	11	16	12	11	9	11	13	11	54,583	108,221	147,961	179,203	191,116	212,430	409,337	62,955
Paper goods, including stationery	26	47	46	48	45	23	27	27	507,076	486,856	692,113	970,940	1,307,564	1,381,887	3,923,902	625,881
	11	23	23	27	29	35	36	37	249,777	372,155	555,896	805,671	940,493	1,435,504	1,748,821	577,474

TABLE V. EXPORTS — Continued.
A. NUMBER OF ESTABLISHMENTS AND VALUE OF GOODS EXPORTED, 1914-1921: BY INDUSTRIES — Concluded.

INDUSTRIES.	NUMBER OF ESTABLISHMENTS EXPORTING								VALUE OF GOODS EXPORTED							
	1914	1915	1916	1917	1918	1919	1920	1921	1914	1915	1916	1917	1918	1919	1920	1921
All Industries — Con. Patent medicines and compounds and drug- gists' preparations Rubber goods, including rubber tires and inner tubes . Silver ware and plated ware . Steam fittings and steam and hot-water heating apparatus . Suspenders, garters, and elastic webbing . Toys and games . Wire and wirework . Woolen and worsted goods, including felt goods . All other industries .	13 8 3 11 4 6 10 9 510	24 12 8 16 8 8 15 45 592	24 13 8 18 15 9 15 36 601	22 18 8 15 16 9 16 37 607	30 19 15 14 15 9 15 31 555	30 11 15 13 11 11 11 41 523	29 19 14 18 13 15 13 45 604	32 17 11 13 13 12 35 579	\$320,838 57,746 183,120 274,872 166,455 16,031 82,241 512,996 18,878,919	\$458,695 513,243 205,989 706,547 297,444 67,247 801,153 7,353,610 37,398,382	\$125,046 1,001,277 217,755 894,402 532,830 73,152 1,627,507 4,167,428 53,016,255	\$416,426 1,488,433 203,638 1,397,821 585,663 65,670 1,467,086 1,562,624 64,942,192	\$732,629 1,814,350 233,061 1,722,265 370,572 71,935 1,903,901 2,268,193 69,142,381	\$1,727,367 2,248,118 495,065 2,048,619 596,247 131,291 2,563,342 3,407,745 68,786,343	\$921,065 770,130 490,530 3,078,129 1,700,701 174,387 3,130,129 3,054,607 61,952,305	\$728,857 1,375,093 266,042 1,506,777 524,043 111,482 1,238,695 716,242 41,844,421

TABLE V. EXPORTS — Continued.
B. VALUE OF EXPORTS, 1915-1921: BY DESTINATION.

COUNTRIES.	All Industries						
	1915	1916	1917	1918	1919	1920	1921
THE STATE.	\$111,720,716	\$164,901,984	\$164,153,973	\$155,178,394	\$210,759,607	\$190,879,734	\$95,433,932
Canada	8,367,703	14,925,510	21,127,085	18,860,886	21,586,730	23,751,968	14,474,397
British Provinces	.	1,253,344	1,830,810	2,478,316	1,455,806	3,413,099	927,037
Mexico	313,256	614,552	1,673,136	1,744,724	2,487,082	4,319,169	3,611,791
Central America	955,928	1,243,931	1,191,378	1,246,959	1,769,202	2,762,111	1,440,475
Panama	.	—	—	—	102,195	175,433	94,658
South America	3,869,190	6,861,405	8,369,687	13,502,786	20,221,622	24,306,147	6,117,457
West Indies	6,150,609	7,940,811	8,249,802	10,621,732	15,637,935	24,499,894	7,706,661
Cuba	3,923,882	5,871,921	6,180,117	7,912,625	9,350,331	19,318,571	4,222,721
Porto Rico	.	—	—	—	1,434,093	2,164,762	1,400,720
Other West Indies	1,226,927	2,068,890	2,069,185	2,679,107	2,903,511	3,015,761	1,483,210
Hawaii	405,843	436,885	549,184	432,661	698,544	1,207,321	851,014
Europe	76,145,668	113,664,708	99,124,738	79,634,961	112,169,009	67,347,936	30,342,309
England	34,819,693	51,217,514	37,569,595	41,630,470	45,683,616	30,115,625	16,175,141
France	8,560,981	10,822,469	20,468,228	21,339,115	20,807,933	8,980,208	3,752,379
Germany	293,864	37,123	—	—	438,437	1,584,747	1,921,347
Holland	230,483	373,131	168,224	79,004	3,349,058	3,043,481	1,301,251
Norway and Sweden	376,315	2,772,702	1,939,321	1,529,902	10,412,966	5,830,362	1,243,135
Belgium	2,052,186	547,710	—	3,382,032	9,614,285	4,305,625	1,237,498
Spain	615,681	1,109,468	1,096,514	1,185,613	2,685,612	2,435,514	917,488
Italy	11,935,897	10,743,178	5,492,810	4,884,972	5,740,462	4,854,659	806,481
Austria Hungary	9,334	5,031	—	—	239,612	203,761	297,810
Switzerland	233,886	542,742	467,112	590,046	1,428,067	612,558	260,306
Turkey	—	—	—	—	185,204	193,955	230,957
Scotland	18,898	136,144	550,161	—	1,007,825	354,806	177,261
Denmark	270,893	590,440	359,468	500,630	1,420,127	913,044	170,863
Greece	31,101	42,287	31,007	—	566,931	226,798	160,228
Portugal	—	—	170,745	31,787	385,614	233,166	159,092
Russia	9,928,237	28,844,242	28,967,802	2,537,534	1,293,791	234,193	23,351
Other Europe	6,767,917	4,881,527	1,843,851	1,933,816	—6,559,439	3,137,404	1,499,421

¹ Included in Other Europe.

TABLE V. EXPORTS — Continued.
B. VALUE OF EXPORTS, 1915-1921: BY DESTINATION — Concluded.

COUNTRIES.		All Industries — Concluded.						
		1915	1916	1917	1918	1919	1920	1921
The State — Con.								
Asia		\$1,190,363	\$2,553,660	\$1,829,984	\$8,598,801	\$15,753,031	\$18,423,907	\$18,149,065
Japan	.	368,467	1,072,822	2,584,537	4,614,805	6,438,273	7,837,157	8,252,640
China	.	237,609	691,012	679,581	2,086,986	5,424,613	5,647,804	7,741,466
India	.	338,894	448,339	946,021	1,220,902	2,082,711	3,654,121	1,647,855
East Indies	.	—	—	—	—	286,475	—	—
Asia, not specified	.	225,303	341,437	619,845	696,108	1,520,959	1,384,825	507,104
Oceania	.	2,553,078	3,451,031	3,538,758	6,266,004	7,835,642	10,605,967	5,324,468
Australia	.	407,334	1,000,761	705,939	1,276,825	4,603,028	3,397,322	3,539,246
Philippine Islands	.	686,319	701,763	1,261,945	2,415,077	1,764,914	2,423,006	946,027
New Zealand	.	—	—	—	—	467,466	252,027	100,018
Oceania, not specified	.	1,459,425	1,748,507	1,570,854	2,574,102	1,000,134	4,533,612	739,177
Africa	.	1,048,387	1,355,930	1,979,920	3,595,604	3,448,698	3,990,722	1,572,526
Countries not specified	.	11,820,893	11,600,217	11,690,011	8,124,960	7,544,211	5,973,260	6,422,186

¹ Included in Asia not specified.

B. VALUE OF EXPORTS. THE PRINCIPAL INDUSTRIES, 1915-1921: BY DESTINATION.

COUNTRIES.	Boots and Shoes					
	1915	1916	1917	1918	1919	1920
Totals.	\$27,272,966	\$29,126,724	\$17,412,649	\$15,583,061	\$23,044,843	\$25,653,082
Canada	1,278,438	1,154,552	813,053	499,735	1,033,057	1,060,352
British Provinces	.	.	.	58,159	81,365	206,007
Mexico	130,492	285,034	797,527	797,432	805,011	1,031,422
Central America	111,359	177,666	104,161	107,971	142,512	275,222
Panama	.	.	.	.	.	51,148
South America	849,842	873,442	560,328	456,218	534,099	82,064
West Indies	2,448,271	3,319,209	3,229,654	4,583,084	5,306,038	1,371,361
Cuba	2,244,426	2,661,338	2,822,006	3,875,529	4,602,424	127,106
Porto Rico	.	.	.	.	.	1,687,637
Other West Indies	203,845	657,871	477,548	707,555	337,179	974,982
Hawaii	82,373	100,923	168,382	115,465	268,606	285,594
Europe	21,203,870	21,681,630	9,780,689	4,225,193	11,532,120	324,359
England	1,309,946	2,716,042	927,093	168,570	1,743,879	8,163,045
Norway and Sweden	106,393	315,116	171,905	349,659	4,216,500	2,700,169
Italy	10,315,627	7,605,306	456,104	274,834	537,641	2,562,008
France	782,794	351,532	510,397	372,634	1,148,615	1,256,068
Russia	7,295,858	9,888,837	7,117,419	2,183,967	531,593	705,391
Belgium	1,135,633	344,756	.	.	1,537,510	185,499
Switzerland	13,620	.	.	.	78,914	148,509
Denmark	142,146	212,001	113,006	483,804	397,053	215,006
Greece	.	.	.	.	61,321	.
Germany	6,670	.	.	.	.	.
Other Europe	183,183	148,040	434,760	391,729	1,338,008	311,483
Asia	38,794	189,636	192,576	518,261	336,523	227,868
China	11,435	80,511	125,852	103,584	111,067	934,193
India	27,359	109,125	45,572	163,628	116,208	53,981
Asia, not specified	.	.	21,152	249,019	109,247	693,582
Oceania	456,971	600,408	666,231	596,734	493,891	133,535
Philippine Islands	345,203	311,184	507,745	519,775	348,036	357,626
Australia	48,296	74,551	30,753	.	93,568	17,350
Africa	63,442	214,673	127,733	76,959	46,290	132,260
Africa, not specified	260,931	411,846	633,597	2,164,380	1,132,016	55,644
Countries not specified	321,625	432,378	396,551	1,460,429	1,360,603	56,095
						5,850

¹ Included in Countries not specified.² Included in Other Europe.³ Included in Asia not specified.⁴ Included in Oceania not specified.

TABLE V. EXPORTS — Continued.
B. VALUE OF EXPORTS. THE PRINCIPAL INDUSTRIES, 1915-1921: BY DESTINATION — Continued.

COUNTRIES.	Boot and Shoe Cut Stock and Findings						
	1915	1916	1917	1918	1919	1920	1921
Totals.	\$2,335,667	\$4,902,473	\$1,712,170	\$1,750,302	\$7,482,877	\$2,573,140	\$1,100,799
Canada	372,755	458,562	250,367	355,422	709,289	498,301	449,805
British Provinces	-1	-1	-	19,445	149,426	63,060	-1
Mexico	-1	-1	-	3,720	28,260	53,923	35,395
Central America	-	-	-	-	20,631	22,023	24,707
South America	-	-	-	-	268,151	283,783	74,874
West Indies	-	-	-	-	298,260	136,400	32,430
Cuba	125,375	155,785	171,016	393,678	298,260	122,007	22,310
Other West Indies	13,053	17,375	36,101	59,039	7,707	14,393	10,110
Europe	10,558	13,929	32,366	56,038	5,147,968	870,044	423,368
England	2,495	3,446	2,735	3,001	2,976,814	685,478	335,618
Spain	1,068,178	4,016,046	1,094,752	740,002	49,747	35,147	11,433
France	1,334,650	2,314,911	739,756	537,501	632,096	25,892	9,639
Italy	4,075	- ²	16,728	15,246	645,713	60,984	- ²
Holland	50,455	815,392	- ²	- ²	128,206	- ²	- ²
Norway and Sweden	133,607	111,707	231,954	- ²	58,979	- ²	- ²
Denmark	8,394	21,011	- ²	- ²	15,550	- ²	- ²
Switzerland	-	412,556	- ²	- ²	40,935	- ²	- ²
Greece	45,224	- ²	- ²	- ²	11,049	- ²	- ²
Belgium	-	-	-	-	554,534	62,543	61,214
Other Europe	91,201	340,369	106,314	187,155	220,918	236,101	21,237
Oceania	48,642	35,367	63,374	79,638	190,358	259,877	12,658
Australia	35,444	23,672	48,301	51,887	18,011	16,539	8,629
Philippine Islands	9,823	11,695	8,465	18,645	12,549	8,685	-1
Oceania, not specified	3,275	-	6,605	9,106	22,953	17,238	13,474
Asia	-	-	-	9,763	16,657	17,238	13,474
India	-	-	-	-	9,296	17,238	13,474
Asia, not specified	-	-	-	9,763	9,296	17,238	13,474
Africa	2,303	-	4,505	16,193	61,640	40,062	-1
Countries not specified	103,463	219,338	93,055	73,402	552,175	303,215	25,471

¹ Included in Countries not specified.

² Included in Other Europe.

³ Included in Asia not specified.

B. VALUE OF EXPORTS. THE PRINCIPAL INDUSTRIES, 1915-1921: BY DESTINATION — Continued.

COUNTRIES.	Cotton Goods						
	1915	1916	1917	1918	1919	1920	1921
Totals.	\$5,635,230	\$11,139,048	\$14,958,215	\$12,071,841	\$19,125,280	\$17,150,124	\$7,216,656
Canada	262,167	734,921	879,417	1,550,890	2,084,110	2,185,924	996,462
British Provinces	-	- ¹	-	499,505	376,340	644,265	257,819
Mexico	-	- ¹	294,181	397,879	266,682	334,114	525,663
Central America	122,874	417,586	385,399	331,302	603,957	646,814	564,903
South America	90,638	569,304	437,688	2,623,515	5,540,017	5,650,280	972,749
West Indies	616,485	1,063,365	738,300	1,353,046	2,743,964	3,103,948	650,258
Cuba	288,210	531,494	325,846	467,152	980,900	2,407,034	212,227
Porto Rico	-	-	-	-	142,967	126,829	58,034
Other West Indies	223,275	471,811	402,454	885,894	1,620,097	379,947	379,947
Europe	-	- ¹	-	111,063	90,538	570,035	81,249
Hawaii	733,179	2,029,991	5,344,371	3,246,513	5,017,300	1,376,150	120,327
Norway and Sweden	-	-	237,801	442,956	616,992	349,404	34,735
England	247,801	1,006,390	4,109,652	1,952,881	776,299	213,133	31,824
France	393,318	- ²	557,165	599,891	2,299,800	303,031	16,399
Greece	-	-	-	-	64,221	40,175	- ²
Denmark	-	-	-	-	111,861	21,008	- ²
Holland	-	-	-	-	141,462	- ²	- ²
Switzerland	-	-	-	-	63,520	- ²	- ²
Italy	-	-	-	-	-	179,037	-
Russia	-	-	238,450	- ²	494,857	- ²	-
Turkey	-	-	-	-	67,282	- ²	-
Belgium	-	-	-	-	14,635	- ²	-
Other Europe	-	-	-	-	367,071	170,362	37,369
Oceania	92,057	1,023,601	151,303	250,785	743,062	1,305,730	536,856
Australia	397,543	100,890	299,255	469,909	459,529	63,586	467,702
Philippine Islands	21,537	-	-	580,871	169,282	312,556	69,164
Oceania, not specified	376,006	100,820	80,045	271,672	114,251	929,588	302,173
Asia	-	- ¹	219,240	622,636	1,423,029	147,707	10,445
China	-	-	-	493,760	1,061,890	85,646	19,409
Japan	-	-	-	-	17,140	- ³	- ³
India	-	-	-	-	76,252	-	-
Asia, not specified	-	-	-	-	267,747	42,652	291,728
Africa	-	8,791	10,089	45,810	75,570	253,673	253,673
Countries not specified	3,506,344	6,393,330	6,569,485	147,900	231,781	1,681,641	1,949,532

¹ Included in Countries not specified.² Included in Other Europe.³ Included in Asia not specified.

TABLE V. EXPORTS—Continued.

B. VALUE OF EXPORTS. THE PRINCIPAL INDUSTRIES, 1915-1921: BY DESTINATION—Continued.

COUNTRIES.	Foundry and Machine Shop Products						
	1915	1916	1917	1918	1919	1920	1921
Totals.	\$12,128,140	\$36,561,182	\$36,496,673	\$24,427,151	\$34,166,538	\$33,670,447	\$23,498,998
Canada	1,602,170	2,660,773	4,427,329	3,576,758	4,251,806	4,658,900	2,366,877
British Provinces	.	143,767	231,442	302,498	115,293	403,954	126,194
Mexico	32,763	93,478	139,689	116,228	307,755	587,456	353,845
Central America	20,027	100,228	254,892	67,239	115,054	214,497	105,961
South America	361,742	566,368	1,358,184	1,429,500	2,652,960	2,225,661	802,808
West Indies	203,774	660,483	633,112	748,661	1,456,985	1,833,961	742,816
Cuba	152,978	511,245	468,516	558,062	1,310,979	1,452,860	540,091
Porto Rico	.	.	.	.	154,911	279,576	73,855
Other West Indies	52,796	149,238	164,596	190,599	80,095	101,525	128,890
Hawaii	21,892	44,113	89,358	59,414	122,951	167,860	83,844
Europe	8,920,329	29,997,493	26,583,687	13,006,978	16,042,428	13,868,160	5,343,684
England	4,468,282	15,277,807	10,327,554	5,847,432	6,034,444	5,347,736	2,479,841
France	2,146,382	4,328,421	8,525,264	5,136,238	5,199,585	4,096,943	1,586,610
Holland	2,589	26,897	13,394	.	232,901	440,626	180,808
Germany	213,651	36,131	.	.	.	.	170,209
Italy	425,678	1,630,765	1,113,955	892,972	.	1,016,826	157,657
Belgium	3,503	14,680	.	.	871,953	466,176	123,527
Norway and Sweden	31,303	178,139	314,793	123,135	477,266	340,803	99,709
Spain	150,513	186,941	216,942	160,538	643,890	844,756	86,641
Switzerland	11,699	6,389	58,621	39,508	189,617	142,495	59,779
Denmark	13,836	14,404	4,762	.	266,907	294,167	9,558
Scotland	27,355	7,834	.	.	.	71,194	.
Russia	996,081	7,691,177	5,415,738	164,983	125,340	.	.
Other Europe	440,037	586,908	592,641	702,172	1,484,344	706,183	394,045
Asia	161,269	645,621	1,653,089	4,055,927	7,196,287	8,001,188	12,069,656
China	34,643	271,796	190,075	675,922	2,302,419	2,313,933	6,191,806
Japan	64,917	173,939	977,771	2,773,191	3,872,801	4,851,872	5,342,051
India	43,819	60,864	356,440	533,260	871,507	713,005	500,134
Asia, not specified	7,890	39,022	128,893	73,584	149,560	122,378	35,665
Oceania	177,696	371,861	269,439	462,872	860,679	1,007,680	421,837
Australia	88,359	217,753	45,943	114,504	437,070	215,793	252,049
Philippine Islands	19,616	67,487	47,422	92,523	184,363	184,363	104,998
Oceania, not specified	69,721	86,621	176,074	255,845	161,443	607,424	64,790
Africa	48,594	89,017	186,076	273,209	528,497	285,973	109,921
Countries not specified	579,684	1,282,980	660,399	267,837	426,893	425,267	966,555

¹ Included in Other Europe.

B. VALUE OF EXPORTS. THE PRINCIPAL INDUSTRIES, 1915-1921: BY DESTINATION — Continued.

COUNTRIES.	Knit Goods						
	1915	1916	1917	1918	1919	1920	1921
Totals.	\$1,461,763	\$2,380,489	\$2,445,059	\$4,571,645	\$5,405,145	\$6,604,173	\$1,464,620
Canada	39,825	103,099	201,014	213,154	133,614	217,093	23,006
Central America	—	—	— ¹	— ¹	— ¹	— ¹	124,906
South America	211,785	280,426	529,799	674,552	365,179	626,926	17,625
West Indies	186,837	46,585	117,540	71,863	145,797	331,145	17,439
Hawaii	24,331	24,284	— ¹	— ¹	— ¹	— ¹	— ¹
Europe	833,402 ²	1,609,834	1,227,705	2,065,055	2,805,905	3,849,891	973,423
England	833,402	1,115,893	1,002,944	946,716	1,878,813	2,814,880	721,932
France	—	—	49,682	667,886	178,737	332,751	17,978
Norway and Sweden	—	30,203	26,996	144,387	198,571	231,826	11,338
Other Europe	—	463,738	143,053	306,066	549,784	470,434	222,175
Oceania	—	261,696	286,833	923,221	508,892	985,177	150,344
Asia	—	—	—	11,676	37,929	240,020	10,651
Africa	—	—	— ¹	— ¹	— ¹	— ¹	61,617
Countries not specified	165,563	54,555	82,168	612,324	1,407,829	353,921	85,609

¹ Included in Countries not specified.

TABLE V. EXPORTS — Concluded.

B. VALUE OF EXPORTS. THE PRINCIPAL INDUSTRIES, 1915-1921: BY DESTINATION — Concluded.

COUNTRIES.	Leather, Tanned, Curried, and Finished					
	1915	1916	1917	1918	1919	1920
Totals.	\$11,556,869	\$13,855,709	\$10,940,493	\$9,118,846	\$28,014,618	\$14,909,452
Canada	479,220	827,233	432,337	598,376	1,011,542	622,936
British Provinces	—	—	—	—	87,842	333,406
Mexico	11,568	12,770	10,567	— ¹	57,275	121,771
Central America	48,958	6,185	46,325	41,889	49,378	140,027
South America	717,006	935,973	1,012,352	2,349,760	1,689,643	50,723
West Indies	168,487	353,715	327,623	608,886	329,567	248,459
Cuba	148,949	310,193	369,945	487,062	786,431	154,407
Other West Indies	17,533	43,522	27,578	21,324	43,136	94,591
Europe	9,633,729	11,002,130	8,347,817	4,146,601	21,997,279	82,670
England	6,810,531	5,379,181	3,012,030	1,124,159	10,738,239	9,795,066
France	1,509,823	2,093,144	2,564,261	993,848	4,563,111	1,636,334
Belgium	—	—	—	—	876,905	798,298
Spain	109,598	421,789	322,884	— ²	962,517	231,847
Italy	124,706	643,789	890,089	319,426	1,898,728	230,758
Switzerland	—	—	61,187	203,537	333,659	1,330,761
Norway and Sweden	—	—	—	80,988	713,570	148,075
Holland	117,492	569,593	369,326	— ²	— ²	58,856
Portugal	—	102,330	136,921	— ²	230,317	335,082
Greece	—	—	—	— ²	— ²	28,667
Russia	—	409,295	408,615	— ²	— ²	86,538
Other Europe	23,413	— ²	— ²	— ²	— ²	— ²
Oceania	838,026	1,382,959	552,504	1,424,043	1,080,233	1,215,748
Australia	89,376	442,247	185,895	487,058	766,479	688,157
Philippine Islands	79,027	272,139	— ³	— ³	622,253	449,399
Oceania, not specified	10,348	19,956	28,533	126,475	143,226	35,355
Asia	150,152	157,362	157,362	360,583	—	620,941
China	14,739	166,166	169,315	639,862	992,370	817,429
Japan	9,986	— ⁴	— ⁴	325,796	210,019	166,337
India	1,359	41,173	20,355	342,242	92,104	234,280
Asia, not specified	3,394	124,993	148,990	21,824	30,549	108,449
Africa	44,099	73,710	73,346	— ¹	59,698	146,753
Countries not specified	451,688	35,580	264,976	296,414	62,531	72,243
					1,071,712	30,080
						\$5,746,078

¹ Included in Countries not specified.² Included in Other Europe.³ Included in Oceania not specified.⁴ Included in Asia not specified.

POWER LAUNDRIES.

TABLE VI. POWER LAUNDRIES.

A. COMPARISON OF PRINCIPAL DATA, 1909-1921.

CITIES AND TOWNS.	Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
The State.						
1909	280	\$2,951,025	\$903,845	5,958	\$2,582,593	\$5,754,572
1912	329	4,120,488	1,087,794	7,357	3,395,861	7,773,956
1913	377	4,542,313	1,259,655	8,160	3,884,570	8,781,826
1914	391	4,695,798	1,391,900	7,771	3,721,499	8,661,830
1915	376	5,037,974	1,413,801	7,757	3,978,761	8,675,570
1916	373	5,383,116	1,716,025	8,094	4,278,056	9,673,534
1917	359	5,575,196	2,102,363	7,709	4,427,189	10,228,364
1918	324	6,486,767	2,562,793	7,152	4,807,431	11,373,998
1919	339	7,199,294	2,461,718	6,920	5,289,110	12,816,366
1920	311	7,531,169	2,636,785	6,787	6,442,049	14,771,311
1921	312	7,631,864	2,550,033	6,631	6,415,295	14,895,451
BEVERLY.						
1909	3	\$16,995	\$6,023	44	\$12,014	\$34,950
1912	4	22,492	12,551	84	36,422	82,045
1913	4	28,376	11,325	78	36,334	75,645
1914	4	27,943	10,033	66	30,175	81,840
1915	4	17,540	9,762	74	38,131	79,303
1916	4	45,805	9,271	69	37,148	82,840
1917	3	25,571	7,457	63	37,384	86,371
1918	3	56,283	8,903	54	33,841	81,830
1919	3	49,015	8,059	44	30,563	95,304
1920	3	65,581	15,073	44	40,029	110,383
1921	2 ¹	—	—	—	—	—
BOSTON.						
1909	56 ²	\$712,354	\$264,716	1,725	\$711,344	\$1,601,131
1912	58	991,344	287,179	2,093	943,267	2,118,780
1913	63	1,110,791	340,209	2,333	1,062,680	2,411,416
1914	55	1,108,103	363,223	2,127	941,278	2,297,350
1915	57	1,149,979	399,499	2,132	1,068,852	2,286,669
1916	58	1,307,073	480,739	2,174	1,086,182	2,510,237
1917	57	1,297,240	599,662	2,045	1,138,821	2,735,879
1918	53	1,754,124	820,767	1,943	1,296,738	3,277,604
1919	61	1,961,981	621,661	1,697	1,308,276	3,468,640
1920	59	1,787,387	678,046	1,715	1,565,839	3,863,521
1921	63	2,120,860	708,535	1,909	1,733,284	4,278,739
BROCKTON.						
1909	3	\$51,687	\$18,441	116	\$57,884	\$115,368
1912	5	79,625	21,373	149	82,260	164,117
1913	5	73,141	21,222	134	88,610	165,501
1914	6	120,999	18,825	140	81,475	160,609
1915	4	150,543	24,682	133	75,798	155,880
1916	5	165,249	32,598	158	100,827	196,892
1917	3	133,206	29,164	143	71,340	154,287
1918	3	120,621	41,628	147	99,510	197,534
1919	3	126,384	37,513	132	87,600	225,811
1920	3	133,353	35,412	128	121,680	256,814
1921	3	117,791	54,341	113	123,310	272,588
BROOKLINE.						
1921	4	\$260,914	\$51,843	148	\$138,834	\$316,768
CAMBRIDGE.						
1909	7	\$349,011	\$67,235	481	\$216,961	\$494,843
1912	8	266,086	81,593	531	253,184	564,335
1913	9	297,877	72,601	518	259,875	592,286
1914	9	367,717	66,962	448	224,900	563,183
1915	8	380,932	84,495	498	231,790	541,473
1916	7	416,199	84,784	492	258,214	596,680
1917	8	432,898	128,665	479	274,699	610,298
1918	8	531,682	141,090	439	285,117	692,880
1919	8	536,590	129,248	400	310,274	772,689
1920	8	506,311	133,104	456	454,059	899,706
1921	9	316,348	91,571	326	311,843	730,020

¹ Data not shown for less than three establishments.² Includes three laundries in Hyde Park, this town having been annexed to Boston in 1912.

TABLE VI. POWER LAUNDRIES — Continued.

A. COMPARISON OF PRINCIPAL DATA, 1909-1921 — Continued.

CITIES AND TOWNS.	Number of Es- tablish- ments	Capital Invested	Cost of Materials Used	Average Number of Wage- earners	Wages Paid	Value of Work Done
CHICOPEE.						
1914	3	\$16,916	\$5,843	26	\$10,745	\$28,175
1915	4	18,470	6,246	25	12,776	32,755
1916	4	21,638	8,170	32	19,088	42,084
1917	4	28,161	12,553	32	24,176	51,771
1918	3	18,062	14,133	25	21,290	47,936
1919	4	23,850	11,566	23	25,088	49,087
1920	2 ¹	—	—	—	—	—
1921	3	21,226	10,749	20	19,406	49,275
EVERETT.						
1914	3	\$31,782	\$15,009	76	\$27,603	\$82,352
1915	3	31,039	14,576	74	37,734	79,373
1916	3	32,178	16,300	78	40,410	90,667
1917	3	25,107	21,082	70	39,727	94,571
1918	3	35,393	23,613	66	43,282	114,499
1919	3	36,512	22,235	66	49,340	123,313
1920	3	51,637	21,476	63	52,598	142,318
1921	3	46,134	37,941	62	56,754	149,356
FALL RIVER.						
1909	10	\$198,243	\$36,476	190	\$97,652	\$216,838
1912	13	223,941	44,453	244	107,378	243,005
1913	13	242,382	51,543	247	128,224	299,194
1914	13	263,308	63,111	250	137,099	302,077
1915	13	245,329	64,652	236	138,973	304,129
1916	14	266,326	78,234	229	130,278	333,324
1917	13	298,411	95,161	235	139,392	361,075
1918	12	301,441	114,730	220	165,268	416,673
1919	12	353,642	128,972	241	205,361	487,700
1920	11	354,186	129,052	246	276,720	565,304
1921	11	381,797	111,608	230	265,055	589,805
FITCHBURG.						
1909	4	\$17,211	\$6,290	62	\$25,197	\$52,096
1912	5	33,709	16,513	86	34,600	75,448
1913	5	35,950	9,362	89	36,197	79,102
1914	5	37,198	12,851	83	36,529	68,252
1915	4	30,820	7,931	83	35,083	64,657
1916	4	26,972	7,645	72	31,769	64,758
1917	4	50,025	12,685	87	42,780	80,219
1918	4	54,990	17,472	80	54,437	90,331
1919	3	50,500	26,868	64	47,204	99,235
1920	3	51,450	23,291	60	47,224	117,156
1921	3	50,501	28,218	62	50,418	116,404
HAVERHILL.						
1909	6	\$23,320	\$10,469	87	\$40,940	\$86,034
1912	15	57,801	26,350	146	75,670	153,227
1913	15	99,855	24,443	174	79,213	178,597
1914	16	65,050	32,192	171	82,007	180,000
1915	16	76,198	27,084	164	86,941	183,061
1916	16	71,113	30,940	177	93,032	181,020
1917	15	82,187	41,053	165	92,294	188,104
1918	13	119,710	36,534	137	89,618	196,759
1919	15	113,387	46,209	141	121,511	243,511
1920	10	99,683	46,704	115	101,825	225,183
1921	10	105,063	38,582	121	121,365	224,990
HOLYOKE.						
1909	4	\$72,610	\$19,605	78	\$39,860	\$82,800
1912	5	99,863	18,528	79	38,312	109,698
1913	5	115,257	16,070	94	45,990	113,617
1914	5	88,030	16,242	68	36,312	95,481
1915	5	104,847	14,572	72	35,129	92,420
1916	5	93,801	17,362	92	47,576	99,704
1917	5	106,687	25,169	90	50,778	105,208
1918	4	123,114	27,369	78	52,691	100,732
1919	2 ¹	—	—	—	—	—
1920	2 ¹	—	—	—	—	—
1921	2 ¹	—	—	—	—	—

¹ Data not shown for less than three establishments.

TABLE VI. POWER LAUNDRIES — Continued.

A. COMPARISON OF PRINCIPAL DATA, 1909-1921 — Continued.

CITIES AND TOWNS.	Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
LAWRENCE.						
1909	9	\$40,220	\$10,679	68	\$26,024	\$66,405
1912	10	62,270	17,283	104	46,649	148,760
1913	9	54,086	23,292	112	54,191	132,250
1914	11	64,900	23,535	123	58,504	132,377
1915	10	65,141	24,182	107	54,187	118,952
1916	10	67,264	35,467	133	68,839	155,668
1917	10	74,422	47,333	138	80,118	198,703
1918	8	72,063	52,854	120	85,710	190,867
1919	9	104,402	48,667	162	105,914	205,598
1920	9	127,976	55,163	127	126,092	245,236
1921	9	163,996	54,694	126	122,469	246,648
LEOMINSTER.						
1914	3	\$13,335	\$3,578	35	\$14,895	\$33,500
1915	3	13,850	5,889	30	15,534	36,125
1916	3	13,565	5,066	18	10,248	34,138
1917	3	24,415	10,916	24	14,642	41,392
1918	3	20,788	9,664	27	17,453	43,328
1919	2 ¹	—	—	—	—	—
1920	2 ¹	—	—	—	—	—
1921	2 ¹	—	—	—	—	—
LOWELL.						
1909	9	\$54,814	\$30,974	188	\$80,577	\$170,085
1912	9	107,560	17,344	186	75,402	185,868
1913	10	80,950	26,092	212	85,874	173,397
1914	9	66,955	33,810	217	94,742	199,347
1915	9	82,960	48,164	219	97,802	221,975
1916	9	91,452	54,969	228	110,433	245,360
1917	9	95,381	55,112	226	124,903	264,264
1918	9	95,908	69,953	203	137,265	304,156
1919	9	94,178	75,322	190	149,309	314,322
1920	9	117,962	93,072	199	174,494	381,456
1921	9	101,769	62,081	149	114,557	319,629
LYNN.						
1909	10	\$107,874	\$48,173	270	\$118,929	\$276,314
1912	12	167,764	41,032	323	146,696	334,527
1913	14	208,990	48,010	332	154,432	353,751
1914	16	257,228	44,967	348	151,526	353,038
1915	16	291,475	50,220	299	157,990	345,436
1916	16	194,707	60,520	348	169,431	389,129
1917	14	200,214	68,432	326	163,380	384,209
1918	13	303,832	90,084	305	185,963	455,805
1919	13	320,181	108,039	321	228,080	531,101
1920	13	352,783	108,661	309	289,697	644,270
1921	14	359,275	92,242	306	302,170	676,012
MALDEN.						
1909	3	\$14,000	\$5,274	82	\$42,349	\$64,986
1912	4	37,249	12,372	97	50,450	93,466
1913	5	40,814	15,527	123	66,432	118,844
1914	4	42,549	26,299	122	54,600	119,937
1915	5	34,610	17,748	131	71,159	121,374
1916	5	49,036	30,581	131	80,646	151,470
1917	5	42,220	23,493	106	68,136	127,447
1918	4	51,700	39,302	105	90,753	162,386
1919	3	147,027	30,354	121	114,008	216,977
1920	3	166,629	35,498	91	84,867	246,728
1921	3	189,893	33,601	85	99,608	256,968
METHUEN.						
1914	3	\$14,643	\$4,167	51	\$22,834	\$36,651
1915	3	15,275	4,740	51	22,969	43,600
1916	3	16,220	5,132	51	20,966	43,025
1917	3	31,050	9,724	46	23,916	56,970
1918	3	27,950	11,545	40	25,334	65,634
1919	3	41,550	14,457	45	34,941	69,910
1920	3	33,078	17,153	53	49,986	113,035
1921	3	33,991	16,246	53	48,803	103,177

¹ Data not shown for less than three establishments.

TABLE VI. POWER LAUNDRIES—Continued.

A. COMPARISON OF PRINCIPAL DATA, 1909-1921—Continued.

CITIES AND TOWNS.		Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
NEW BEDFORD.							
1909		10	\$76,374	\$27,299	180	\$85,740	\$175,172
1912		14	198,096	36,141	226	121,455	260,400
1913		14	157,273	51,379	249	138,875	312,358
1914		13	142,976	47,846	229	126,809	294,490
1915		15	189,758	50,431	254	148,981	343,297
1916		14	207,546	63,484	255	165,751	362,666
1917		14	219,060	84,689	254	171,664	384,033
1918		14	222,334	103,782	242	205,908	439,291
1919		14	314,054	114,629	276	229,030	542,894
1920		13	320,363	138,722	275	319,350	630,665
1921		13	261,898	104,413	226	245,511	581,734
NEWBURYPORT.							
1909		3	\$10,761	\$3,213	25	\$10,021	\$25,253
1912		5	19,968	6,068	39	16,077	45,070
1913		6	22,872	4,025	40	16,857	47,140
1914		5	17,340	8,285	38	17,390	41,980
1915		5	15,312	7,510	50	24,089	47,284
1916		4	14,413	8,296	53	25,791	52,050
1917		4	15,652	11,431	55	29,287	57,018
1918		4	16,896	11,716	47	29,350	64,848
1919		3	21,676	14,616	52	40,397	79,469
1920		3	26,534	18,429	50	46,890	89,041
1921		3	86,931	17,468	53	43,479	85,120
NORTH ADAMS.							
1914		4	\$41,103	\$11,240	65	\$29,340	\$62,366
1915		4	49,285	10,492	68	29,579	68,696
1916		3	39,684	13,877	57	30,122	70,248
1917		3	44,941	21,993	68	37,246	81,006
1918		3	46,081	25,748	62	40,756	81,696
1919		3	47,373	29,726	63	44,325	91,949
1920		3	46,773	27,089	57	56,999	106,927
1921		3	48,365	26,843	65	60,446	108,837
NORTHAMPTON.							
1909		3	\$15,657	\$6,320	39	\$15,281	\$31,551
1912		3	23,312	3,957	44	18,956	43,000
1913		3	21,580	5,862	51	22,478	46,872
1914		4	16,018	7,320	53	23,390	50,734
1915		4	18,770	5,609	54	24,396	46,143
1916		4	22,075	8,013	56	27,822	58,265
1917		4	17,005	10,082	54	29,901	60,094
1918		4	19,900	10,122	55	33,038	62,693
1919		3	34,158	15,931	50	33,307	72,940
1920		3	32,609	9,831	43	39,650	74,533
1921		3	43,184	12,196	41	38,654	92,401
QUINCY.							
1909		4	\$36,828	\$11,850	40	\$20,666	\$56,393
1912		5	39,465	7,570	54	28,668	66,298
1913		5	41,705	10,299	59	33,213	74,325
1914		7	51,730	14,985	69	34,668	86,516
1915		4	31,832	10,146	51	31,467	61,994
1916		3	29,528	12,520	65	31,541	71,627
1917		3	47,870	20,227	73	47,714	102,861
1918		4	57,049	25,611	96	66,502	146,985
1919		3	36,120	32,080	77	60,613	159,530
1920		21	—	—	—	—	—
1921		21	—	—	—	—	—
SALEM.							
1909		3	\$31,736	\$16,598	149	\$69,614	\$152,212
1912		4	44,584	23,283	147	77,172	163,343
1913		4	49,459	23,768	148	77,699	167,652
1914		5	62,298	22,535	152	82,714	176,825
1915		4	100,747	17,908	148	81,705	173,575
1916		4	118,423	23,613	150	86,831	190,375
1917		4	189,126	27,092	138	89,702	201,650
1918		4	183,800	30,036	130	100,064	209,834
1919		4	181,825	35,426	126	98,228	262,305
1920		3	227,338	40,774	111	110,033	328,691
1921		3	257,507	44,554	126	121,839	357,224

¹ Data not shown for less than three establishments.

TABLE VI. POWER LAUNDRIES — Continued.

A. COMPARISON OF PRINCIPAL DATA, 1909-1921 — Concluded.

CITIES AND TOWNS.	Number of Establishments	Capital Invested	Cost of Materials Used	Average Number of Wage-earners	Wages Paid	Value of Work Done
SOMERVILLE.						
1909	5	\$32,415	\$8,822	59	\$26,977	\$64,676
1912	5	17,195	12,106	65	32,649	97,375
1913	4	19,176	14,931	66	36,210	96,384
1914	5	19,916	19,908	66	40,894	96,781
1915	6	35,569	19,674	86	46,581	117,283
1916	6	41,920	24,503	93	52,115	128,512
1917	6	54,132	29,014	96	62,662	145,328
1918	7	71,833	46,496	109	80,635	198,581
1919	8	116,622	53,733	158	138,520	301,745
1920	8	109,766	64,996	145	130,575	340,921
1921	8	126,525	68,988	153	143,429	392,292
SPRINGFIELD.						
1909	12	\$163,668	\$36,303	252	\$97,496	\$284,732
1912	11	250,029	51,771	336	170,613	389,441
1913	12	273,008	68,260	422	212,220	472,474
1914	13	278,335	57,299	358	182,159	421,202
1915	14	336,028	65,953	383	190,937	419,865
1916	14	387,831	77,386	421	240,846	502,700
1917	11	364,843	86,388	376	219,686	513,689
1918	11	258,688	104,605	366	223,648	509,899
1919	12	348,605	101,106	308	236,242	575,745
1920	14	448,592	111,752	333	326,410	688,532
1921	14	402,831	131,115	295	304,778	681,185
TAUNTON.						
1909	5	\$42,775	\$13,238	92	\$34,508	\$72,216
1912	4	80,770	12,360	94	39,034	87,555
1913	4	81,235	15,740	92	41,591	95,711
1914	5	58,325	27,962	95	47,319	103,066
1915	5	61,563	15,811	102	44,137	96,855
1916	5	47,978	19,645	97	49,392	104,075
1917	4	47,249	24,706	81	49,795	103,448
1918	4	70,626	31,724	79	47,363	116,125
1919	3	77,267	23,491	54	46,471	99,840
1920	3	67,478	33,617	77	68,244	152,915
1921	3	71,946	27,331	66	59,769	149,191
WATERTOWN.						
1914	4	\$87,091	\$44,829	272	\$147,265	\$270,686
1915	4	101,209	40,960	225	131,358	254,731
1916	4	85,569	43,883	228	141,325	272,982
1917	4	82,797	60,762	225	157,078	294,401
1918	3	87,324	56,373	181	128,507	255,940
1919	3	117,756	53,459	180	142,244	295,758
1920	3	89,544	68,900	180	188,182	349,346
1921	3	103,871	48,029	158	177,102	330,508
WORCESTER.						
1909	13	\$174,255	\$59,656	357	\$144,116	\$316,215
1912	12	247,766	71,135	405	184,965	420,738
1913	12	270,404	75,193	414	190,730	439,221
1914	11	254,079	84,786	358	184,063	416,376
1915	11	250,457	75,341	383	186,049	430,253
1916	10	318,300	104,295	426	224,695	502,120
1917	10	323,835	111,728	422	239,932	549,188
1918	10	465,246	131,863	401	252,166	585,491
1919	11	436,624	120,894	336	242,279	620,680
1920	9	559,964	162,982	386	396,896	820,950
1921	9	443,608	127,689	295	328,338	724,437
OTHER CITIES AND TOWNS.						
1909	98	\$708,217	\$196,191	1,374	\$608,443	\$1,314,302
1912	118	1,049,599	266,832	1,825	815,982	1,927,460
1913	156	1,217,132	330,502	2,173	1,016,645	2,336,089
1914	150	1,079,931	304,258	1,665	800,174	1,906,639
1915	136	1,138,436	289,524	1,625	858,634	1,908,412
1916	136	1,190,751	358,733	1,711	896,732	2,140,018
1917	133	1,218,491	426,560	1,592	906,036	2,194,880
1918	110	1,299,299	465,076	1,395	915,224	2,263,661
1919	123	1,508,015	556,957	1,593	1,157,985	2,807,313
1920	112	1,754,192	569,988	1,524	1,373,680	3,377,680
1921	103	1,515,640	549,155	1,443	1,384,074	3,062,143

¹ Data not shown for less than three establishments.

TABLE VI. POWER LAUNDRIES — Concluded.

B. CLASSIFIED WEEKLY WAGES, 1921.

General Laundries.

SEX AND AGE.	Aggre- gates	Un- der \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 and over
The State	5,767	-	-	2	10	22	91	309	274	604	573	499	631	570	441	315	266	526	312	322
<i>Per cent</i>																				
Males (18 years and over)	100	-	-	-1	0.2	0.4	1.6	5.4	4.7	10.5	9.9	8.7	10.9	9.9	7.6	5.5	4.6	9.1	5.4	5.6
<i>Per cent</i>	1,774	-	-	-	1	2	5	8	5	18	9	17	48	38	110	184	205	482	305	317
Females (18 years and over)	100	-	-	-	-1	0.1	0.3	0.4	0.3	1.0	0.6	1.0	2.7	3.3	6.2	10.4	11.5	27.2	17.2	17.9
<i>Per cent</i>	3,836	-	-	-	6	14	73	265	259	555	549	467	576	507	327	130	60	40	4	4
Young persons (under 18 years of age)	100	-	-	-	0.2	0.4	1.9	6.9	6.7	14.5	14.3	12.2	15.0	13.2	8.5	8.4	1.6	1.0	0.1	0.1
<i>Per cent</i>	157	-	-	2	3	6	13	36	10	31	15	15	7	5	4	1	1	4	3	1
Young persons (under 18 years of age)	100	-	-	1.2	1.9	3.8	8.3	22.9	6.9	19.7	9.5	9.5	4.4	3.2	2.5	0.6	0.6	2.5	1.9	0.6

Wet Wash Laundries.

SEX AND AGE.	Aggre- gates	Un- der \$5	\$5 but under \$6	\$6 but under \$7	\$7 but under \$8	\$8 but under \$9	\$9 but under \$10	\$10 but under \$11	\$11 but under \$12	\$12 but under \$13	\$13 but under \$14	\$14 but under \$15	\$15 but under \$16	\$16 but under \$18	\$18 but under \$20	\$20 but under \$22	\$22 but under \$25	\$25 but under \$30	\$30 but under \$35	\$35 and over
The State	972	-	-	5	6	10	8	39	5	66	26	26	59	39	90	90	84	175	138	106
<i>Per cent</i>																				
Males (18 years and over)	100	-	-	0.5	0.6	1.0	0.8	4.0	0.5	6.8	2.7	2.7	6.1	4.0	9.3	9.3	8.6	18.0	14.2	10.9
<i>Per cent</i>	741	-	-	-	1	5	1	8	2	10	1	6	29	22	75	86	82	174	135	104
Females (18 years and over)	100	-	-	-	0.1	0.7	0.1	1.1	0.3	1.4	0.1	0.8	3.9	3.0	10.1	11.6	11.1	23.5	18.2	14.0
<i>Per cent</i>	214	-	-	4	4	5	7	31	3	54	23	19	29	17	9	2	2	-	3	2
Young persons (under 18 years of age)	100	-	-	1.9	1.9	2.3	3.3	14.5	1.4	25.2	10.8	8.9	13.6	7.9	4.2	0.9	0.9	-	1.4	0.9
<i>Per cent</i>	17	-	-	1	1	1	-	-	-	2	2	1	1	-	6	2	-	1	-	-
Young persons (under 18 years of age)	100	-	-	5.9	5.9	-	-	-	-	11.7	11.7	5.9	5.9	-	35.3	11.7	-	5.9	-	-

1 Less than one-tenth of one per cent.